

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN102221\  
 Data File : VN069129.D  
 Acq On : 22 Oct 2021 12:02  
 Operator : JC/MD  
 Sample : VSTDIC050  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC050

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 10/25/2021  
 Supervised By : Mahesh Dadoda 10/25/2021

Quant Time: Oct 22 12:50:37 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N102221W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Fri Oct 22 12:48:50 2021  
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	7.662	128	68375	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.971	114	395399	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.746	117	371180	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.440	65	160117	30.685	ug/l	0.00
Spiked Amount	30.000	Range 91 - 110	Recovery	=	102.267%	
60) 4-Bromofluorobenzene	12.733	95	191563	32.175	ug/l	0.00
Spiked Amount	30.000	Range 63 - 112	Recovery	=	107.267%	
63) Toluene-d8	10.443	98	503593	30.019	ug/l	0.00
Spiked Amount	30.000	Range 91 - 112	Recovery	=	100.067%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.075	85	240224	72.003	ug/l	99
3) Chloromethane	2.303	50	256690	63.647	ug/l	97
4) Vinyl Chloride	2.445	62	314445	43.973	ug/l	100
5) Bromomethane	2.845	94	186523	28.287	ug/l	99
6) Chloroethane	3.014	64	190857	33.558	ug/l	98
7) Trichlorofluoromethane	3.376	101	382603	58.905	ug/l	98
8) Diethyl Ether	3.829	74	133480	58.846	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.215	101	207654	55.908	ug/l #	69
10) 1,1-Dichloroethene	4.186	96	199022	57.361	ug/l	96
11) Methyl Iodide	4.427	142	289522	67.043	ug/l	95
12) Methyl Acetate	4.854	43	373913	61.100	ug/l	98
13) Acrolein	4.046	56	106457	377.258	ug/l	97
14) Acrylonitrile	5.554	53	548628	285.580	ug/l	99
15) Acetone	4.285	58	175548	314.965	ug/l	98
16) Carbon Disulfide	4.537	76	541629	58.206	ug/l	98
17) Allyl chloride	4.846	41	348624	62.241	ug/l	93
18) Methylene Chloride	5.100	84	236524	54.923	ug/l	98
19) trans-1,2-Dichloroethene	5.602	96	219993	54.673	ug/l	93
20) Diisopropyl ether	6.498	45	761960	59.535	ug/l	95
21) 1,1-Dichloroethane	6.391	63	416391	56.369	ug/l	99
22) cis-1,2-Dichloroethene	7.329	96	264082	53.712	ug/l	99
23) tert-Butyl Alcohol	5.369	59	226121	311.952	ug/l #	100
24) Methyl tert-Butyl Ether	5.618	73	773313	57.041	ug/l	99
25) Chloroform	7.820	83	450453	52.691	ug/l	98
26) Cyclohexane	8.099	56	385215	59.014	ug/l #	98
29) 1,1-Dichloropropene	8.225	75	329875	51.875	ug/l	98
30) 2-Butanone	7.335	43	812298	279.479	ug/l	99
31) 2,2-Dichloropropane	7.329	77	395748	53.719	ug/l	99
32) 1,1,1-Trichloroethane	8.018	97	413749	51.268	ug/l	99
33) Carbon Tetrachloride	8.209	117	356156	49.953	ug/l	97
34) Benzene	8.464	78	982586	52.089	ug/l	98
35) Methacrylonitrile	7.638	41	158088	55.570	ug/l	97
36) 1,2-Dichloroethane	8.531	62	359327	51.563	ug/l	100
37) Trichloroethene	9.217	130	248722	50.437	ug/l	92
38) Methylcyclohexane	9.461	83	416570	52.653	ug/l	98
39) 1,2-Dichloropropane	9.494	63	252009	53.577	ug/l	97
40) Dibromomethane	9.579	93	176932	48.807	ug/l	96
41) Bromodichloromethane	9.764	83	356169	49.985	ug/l	96
42) Vinyl Acetate	6.436	43	2845869	268.118	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.412	43	317667	54.365	ug/l	99
44) Isopropyl Acetate	8.560	43	576265	55.034	ug/l	99
45) 1,4-Dioxane	9.569	88	91414	1093.189	ug/l	96
46) Methyl methacrylate	9.561	41	265366	57.482	ug/l	92
47) n-amyl Acetate	12.387	43	495501	56.128	ug/l	99
48) t-1,3-Dichloropropene	10.719	75	409688	52.194	ug/l	99
49) cis-1,3-Dichloropropene	10.191	75	428693	53.405	ug/l	95
50) 1,1,2-Trichloroethane	10.899	97	252387	50.005	ug/l	98
51) Ethyl methacrylate	10.762	69	420530	53.946	ug/l	93
52) 1,3-Dichloropropane	11.046	76	426523	51.681	ug/l	99
53) Dibromochloromethane	11.240	129	274741	48.283	ug/l	100
54) 1,2-Dibromoethane	11.347	107	268117	50.792	ug/l	98
55) 2-Chloroethyl vinyl ether	10.043	63	638072	287.372	ug/l	99
56) Bromoform	12.460	173	197274	48.054	ug/l #	100
58) 4-Methyl-2-Pentanone	10.330	43	1657428	260.370	ug/l	97
59) 2-Hexanone	11.087	43	1256990	269.539	ug/l	97
61) Tetrachloroethene	10.979	164	214348	49.411	ug/l	96
62) Toluene	10.507	91	1132540	50.581	ug/l	98
64) Chlorobenzene	11.773	112	685810	50.002	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.843	131	259364	49.232	ug/l	99
66) Ethyl Benzene	11.846	91	1285486	50.842	ug/l	99
67) m/p-Xylenes	11.956	106	963634	98.939	ug/l	97
68) o-Xylene	12.283	106	479470	49.921	ug/l	96
69) Styrene	12.296	104	803648	50.692	ug/l	98
70) Isopropylbenzene	12.580	105	1275805	50.218	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.830	83	374368	51.833	ug/l	98
72) 1,2,3-Trichloropropane	12.881	75	319947m	53.932	ug/l	
73) Bromobenzene	12.862	156	289514	50.198	ug/l	94
74) n-propylbenzene	12.921	91	1464925	50.422	ug/l	100
75) 2-Chlorotoluene	13.010	91	886062	51.600	ug/l	96
76) 1,3,5-Trimethylbenzene	13.061	105	1062970	50.675	ug/l	99
77) t-1,4-Dichloro-2-butene	12.626	75	129294	56.239	ug/l	95
78) 4-Chlorotoluene	13.106	91	873861	51.736	ug/l	96
79) tert-butylbenzene	13.326	119	923007	50.047	ug/l	99
80) 1,2,4-Trimethylbenzene	13.369	105	1045547m	50.315	ug/l	
81) sec-Butylbenzene	13.503	105	1303765	49.660	ug/l	100
82) p-Isopropyltoluene	13.618	119	1062458	49.012	ug/l	100
83) 1,3-Dichlorobenzene	13.618	146	506657	47.929	ug/l	98
84) 1,4-Dichlorobenzene	13.696	146	493914	49.142	ug/l	97
85) n-Butylbenzene	13.946	91	887342	49.929	ug/l	98
86) Hexachloroethane	14.211	117	201768	49.607	ug/l	92
87) 1,2-Dichlorobenzene	13.991	146	483316	49.200	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.603	75	69238	54.040	ug/l	97
89) 1,2,4-Trichlorobenzene	15.265	180	240108	50.274	ug/l	97
90) Hexachlorobutadiene	15.372	225	126590	52.240	ug/l	99
91) Naphthalene	15.507	128	684248	51.861	ug/l	99
92) 1,2,3-Trichlorobenzene	15.702	180	226669	49.972	ug/l	99

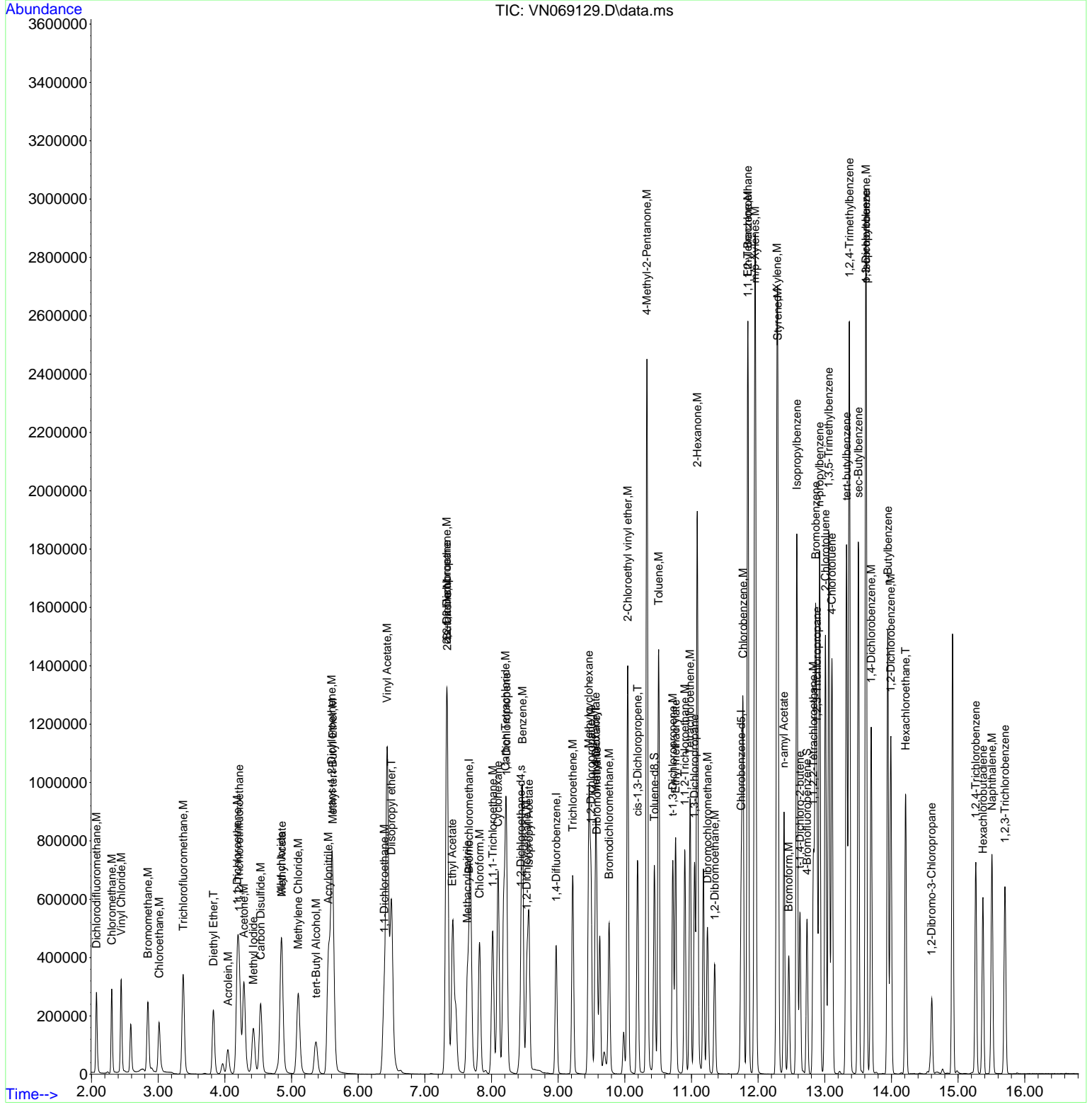
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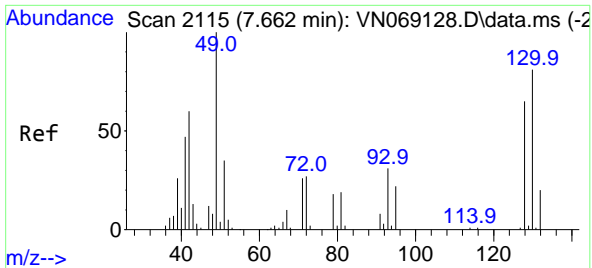
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN102221\  
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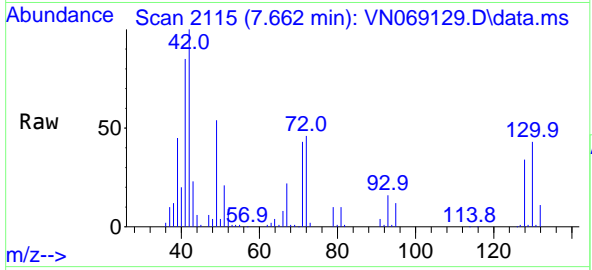
Manual Integrations  
**APPROVED**  
 Reviewed By :John Carlone 10/25/2021  
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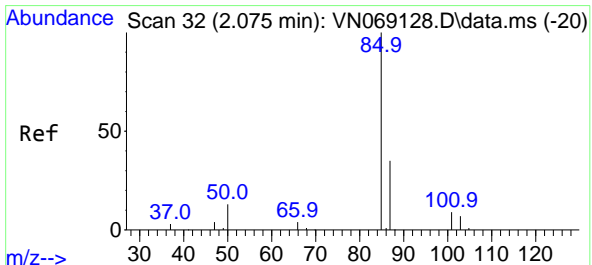
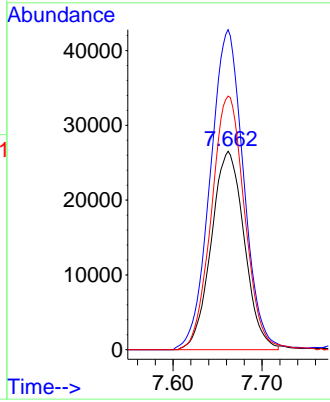
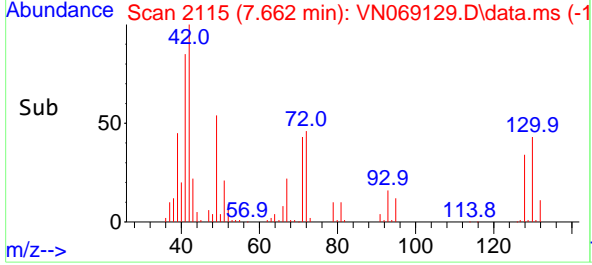
#1  
 Bromochloromethane  
 Concen: 30.000 ug/l  
 RT: 7.662 min Scan# 2115  
 Delta R.T. -0.000 min  
 Lab File: VN069129.D  
 Acq: 22 Oct 2021 12:02

Instrument : MSVOA\_N  
 Client Sample Id : VSTDIC050

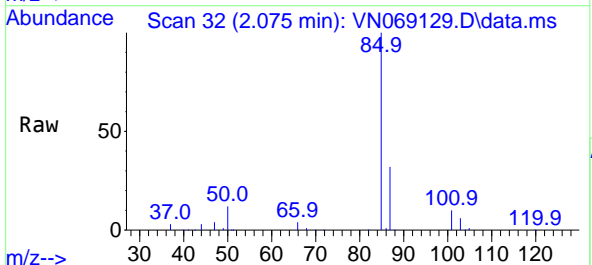


Tgt Ion: 128 Resp: 6837  
 Ion Ratio Lower Upper  
 128 100  
 49 162.8 0.0 392.3  
 130 128.8 0.0 320.2

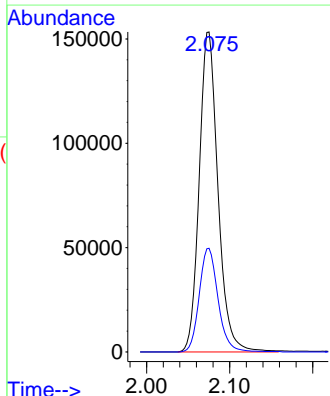
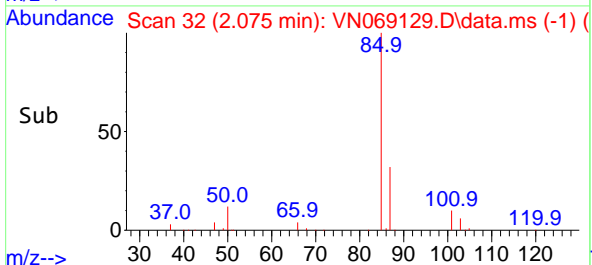
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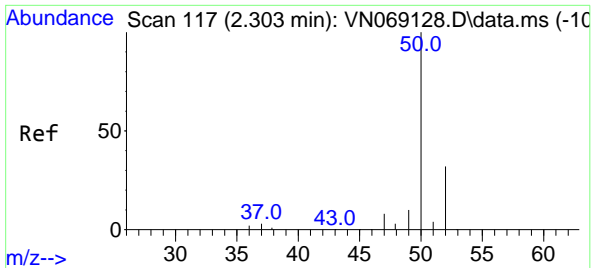


#2  
 Dichlorodifluoromethane  
 Concen: 72.003 ug/l  
 RT: 2.075 min Scan# 32  
 Delta R.T. -0.000 min  
 Lab File: VN069129.D  
 Acq: 22 Oct 2021 12:02



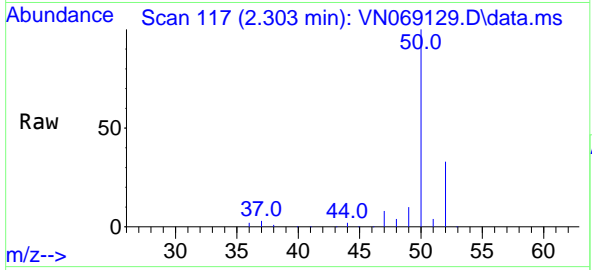
Tgt Ion: 85 Resp: 240224  
 Ion Ratio Lower Upper  
 85 100  
 87 32.4 16.6 49.7





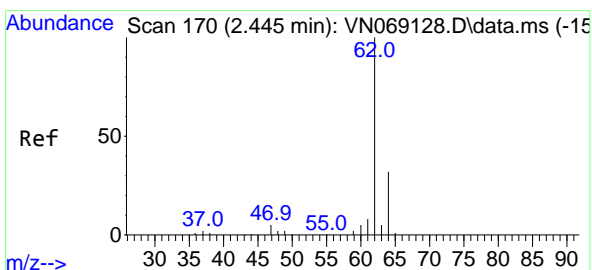
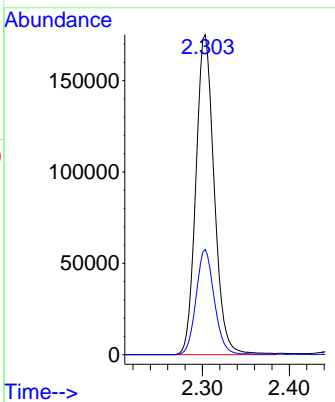
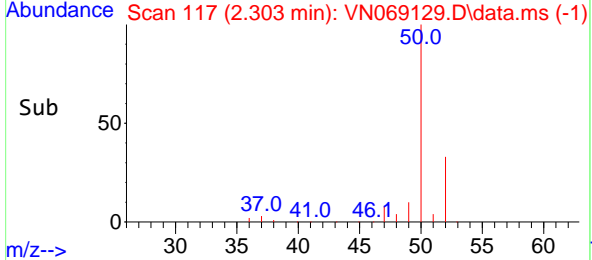
#3  
 Chloromethane  
 Concen: 63.647 ug/l  
 RT: 2.303 min Scan# 117  
 Delta R.T. -0.000 min  
 Lab File: VN069129.D  
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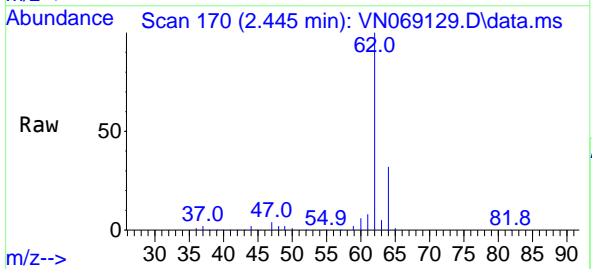


Tgt Ion: 50 Resp: 256690  
 Ion Ratio Lower Upper  
 50 100  
 52 32.9 27.8 41.6

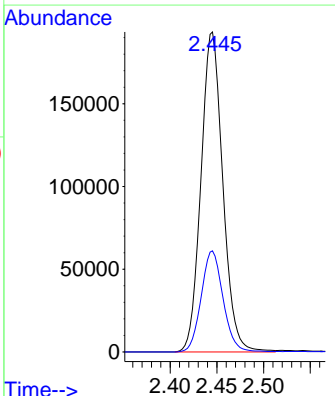
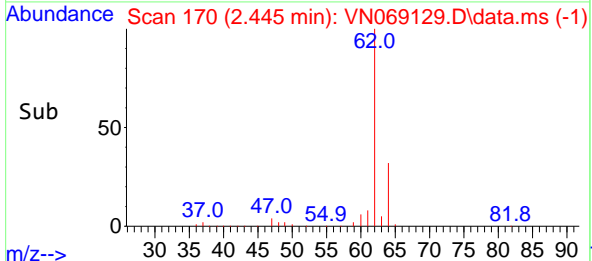
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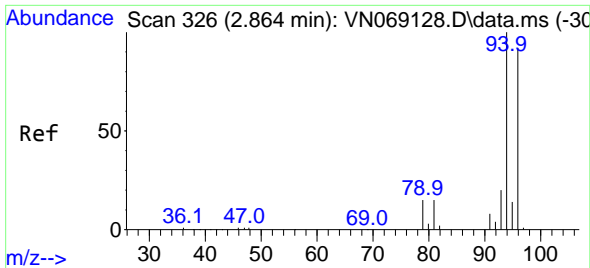


#4  
 Vinyl Chloride  
 Concen: 43.973 ug/l  
 RT: 2.445 min Scan# 170  
 Delta R.T. 0.000 min  
 Lab File: VN069129.D  
 Acq: 22 Oct 2021 12:02



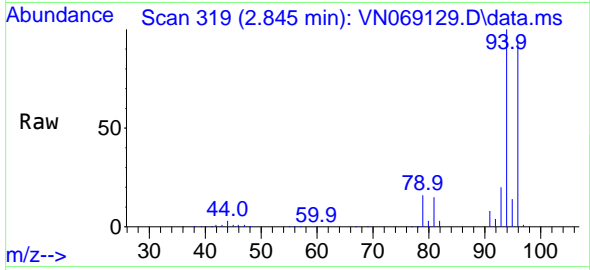
Tgt Ion: 62 Resp: 314445  
 Ion Ratio Lower Upper  
 62 100  
 64 31.6 25.1 37.7





#5  
 Bromomethane  
 Concen: 28.287 ug/l  
 RT: 2.845 min Scan# 319  
 Delta R.T. -0.019 min  
 Lab File: VN069129.D  
 Acq: 22 Oct 2021 12:02

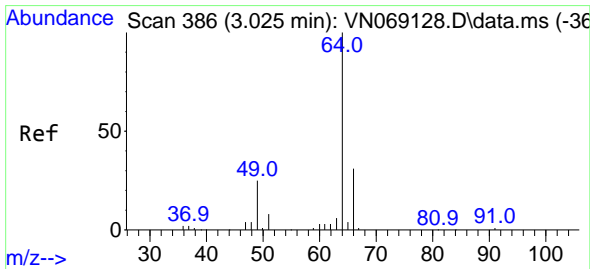
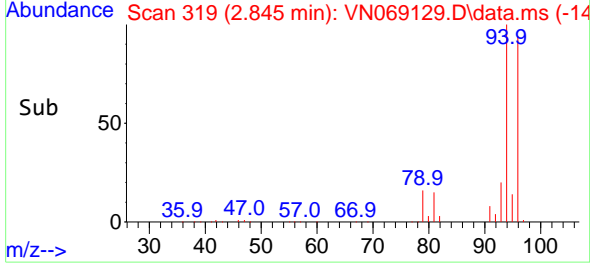
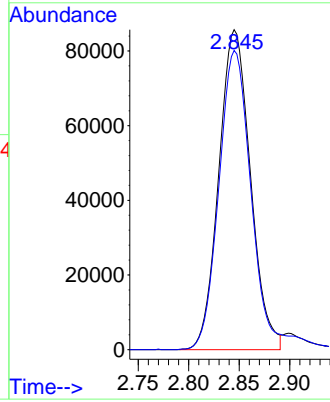
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Tgt Ion: 94 Resp: 18652  
 Ion Ratio Lower Upper  
 94 100  
 96 93.3 75.2 112.8

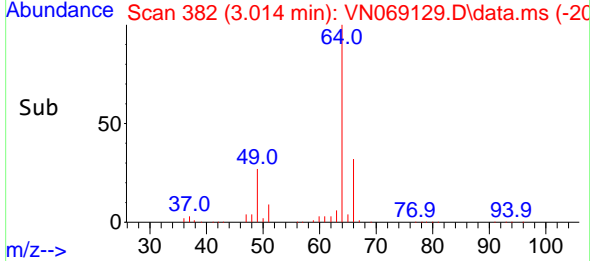
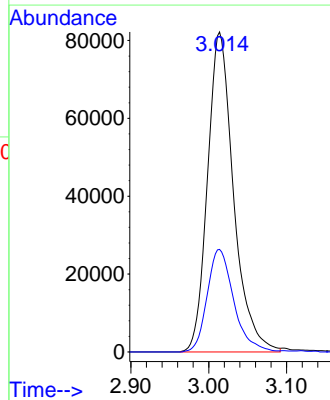
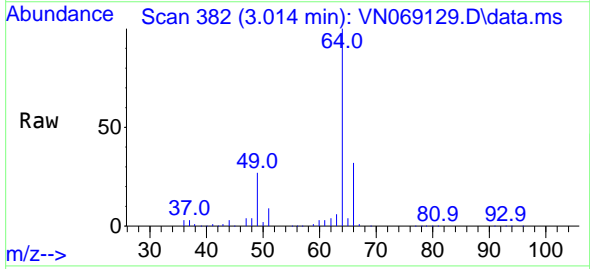
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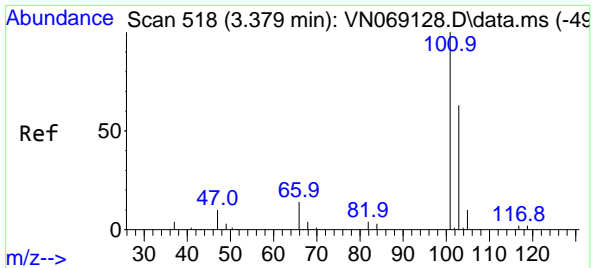
Reviewed By :John Carlone 10/25/2021  
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#6  
 Chloroethane  
 Concen: 33.558 ug/l  
 RT: 3.014 min Scan# 382  
 Delta R.T. -0.011 min  
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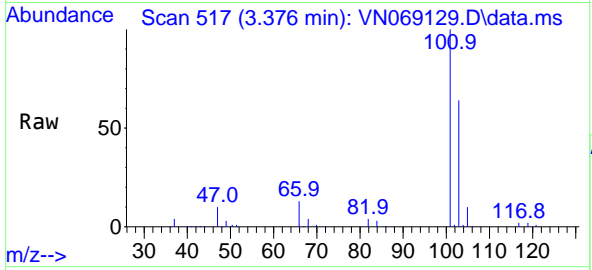
Tgt Ion: 64 Resp: 190857  
 Ion Ratio Lower Upper  
 64 100  
 66 32.0 24.6 36.8





#7  
 Trichlorofluoromethane  
 Concen: 58.905 ug/l  
 RT: 3.376 min Scan# 518  
 Delta R.T. -0.003 min  
 Lab File: VN069129.D  
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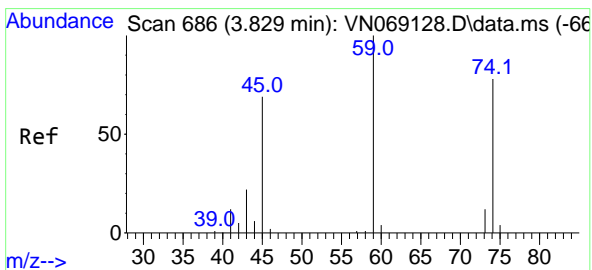
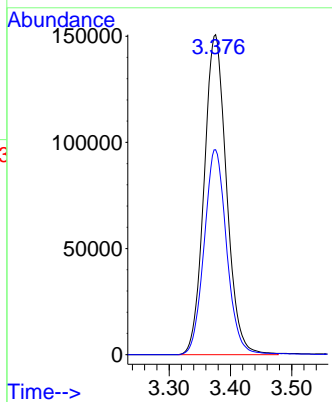
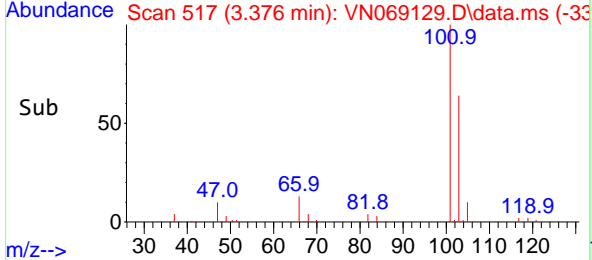
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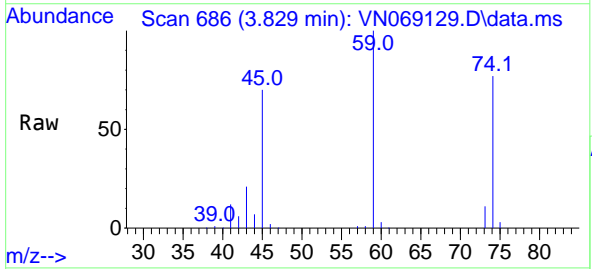
Tgt Ion:101 Resp: 38260  
 Ion Ratio Lower Upper  
 101 100  
 103 64.0 50.1 75.1

Manual Integrations  
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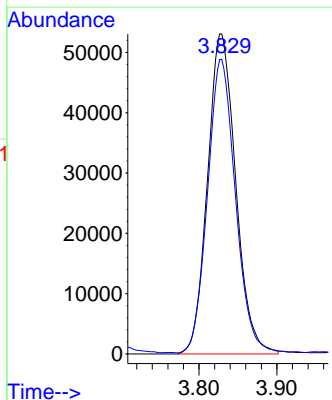
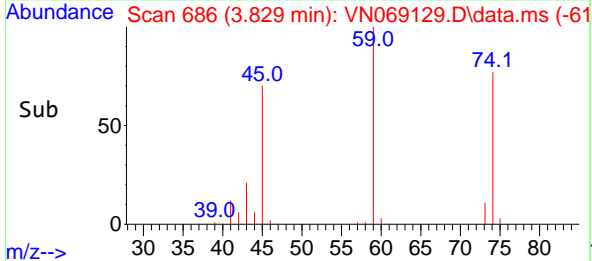
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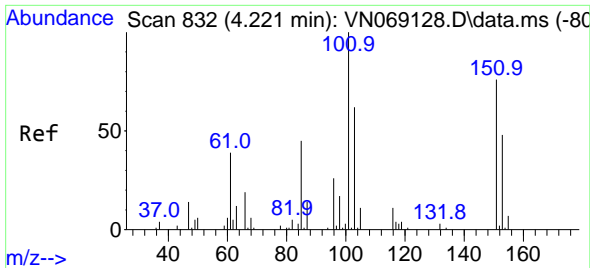


#8  
 Diethyl Ether  
 Concen: 58.846 ug/l  
 RT: 3.829 min Scan# 686  
 Delta R.T. 0.000 min  
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Tgt Ion: 74 Resp: 133480  
 Ion Ratio Lower Upper  
 74 100  
 45 90.6 17.6 158.8





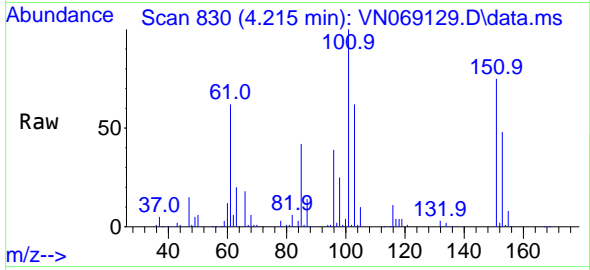
#9  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 55.908 ug/l  
 RT: 4.215 min Scan# 819  
 Delta R.T. -0.005 min  
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VSTDIC050

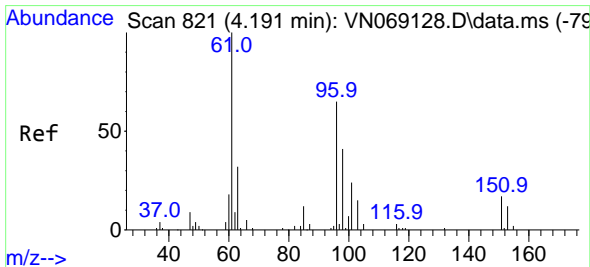
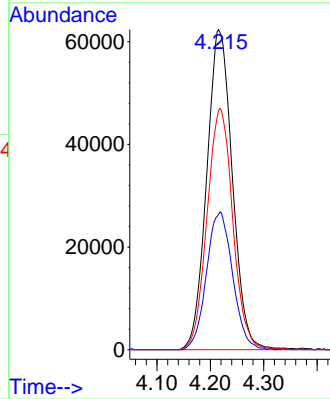
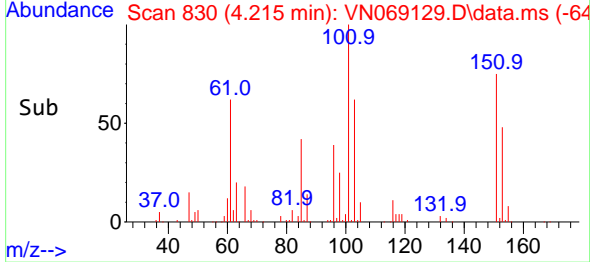


Tgt Ion:101 Resp: 207654  
 Ion Ratio Lower Upper  
 101 100  
 85 43.9 0.0 94.0  
 151 75.8 0.0 74.6

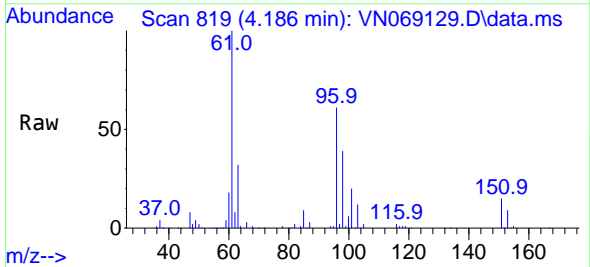
Manual Integrations

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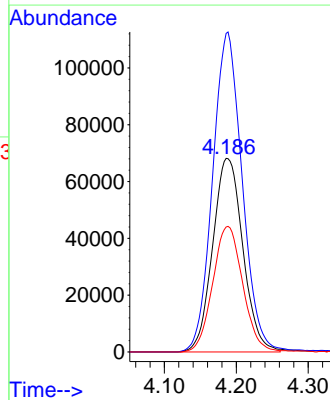
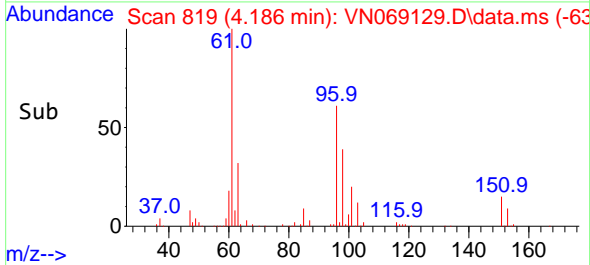
Reviewed By :John Carlone 10/25/2021  
 Supervised By :Mahesh Dadoda 10/25/2021



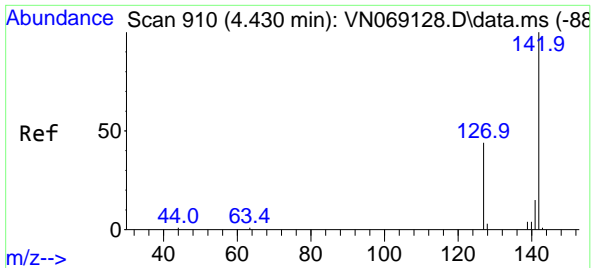
#10  
 1,1-Dichloroethene  
 Concen: 57.361 ug/l  
 RT: 4.186 min Scan# 819  
 Delta R.T. -0.005 min  
 Lab File: VN069129.D  
 Acq: 22 Oct 2021 12:02



Tgt Ion: 96 Resp: 199022  
 Ion Ratio Lower Upper  
 96 100  
 61 164.3 126.2 189.4  
 98 64.5 50.9 76.3

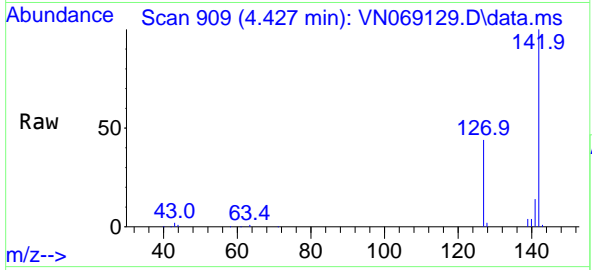






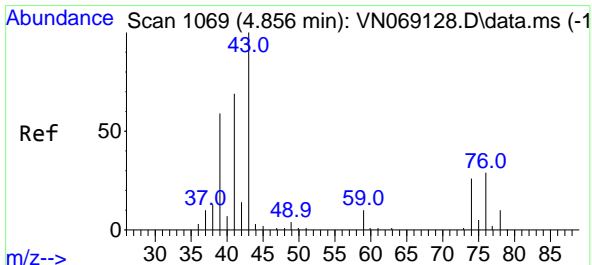
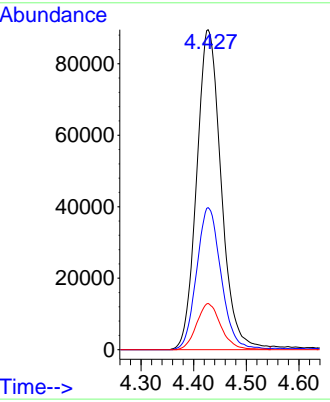
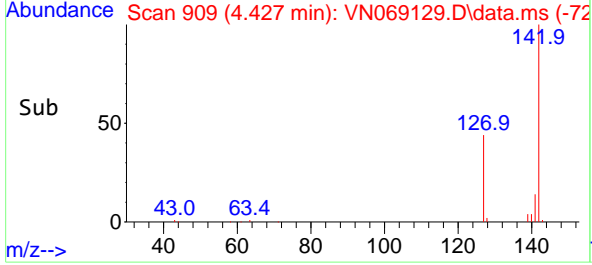
#11  
 Methyl Iodide  
 Concen: 67.043 ug/l  
 RT: 4.427 min Scan# 909  
 Delta R.T. -0.003 min  
 Lab File: VN069129.D  
 Acq: 22 Oct 2021 12:02

Instrument : MSVOA\_N  
 Client Sample Id : VSTDIC050

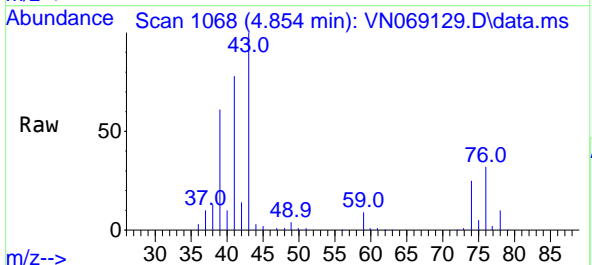


Tgt Ion: 142 Resp: 28952  
 Ion Ratio Lower Upper  
 142 100  
 127 44.4 24.0 72.0  
 141 14.5 8.4 25.2

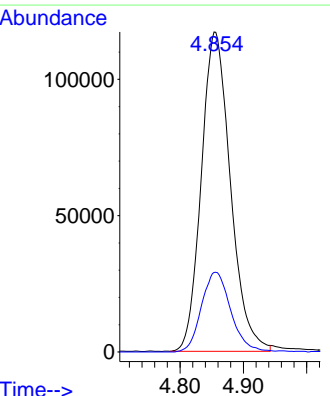
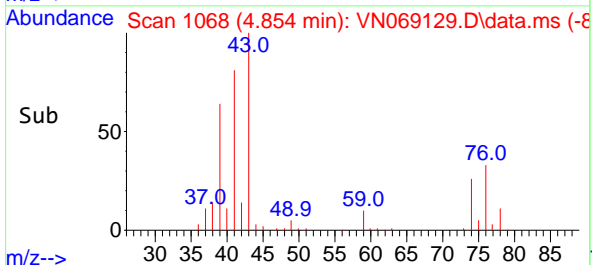
Manual Integrations  
**APPROVED**  
 Reviewed By : John Carlone 10/25/2021  
 Supervised By : Mahesh Dadoda 10/25/2021

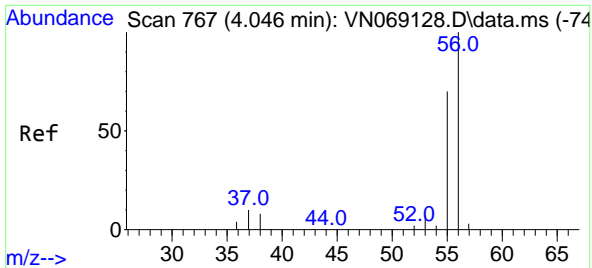


#12  
 Methyl Acetate  
 Concen: 61.100 ug/l  
 RT: 4.854 min Scan# 1068  
 Delta R.T. -0.003 min  
 Lab File: VN069129.D  
 Acq: 22 Oct 2021 12:02



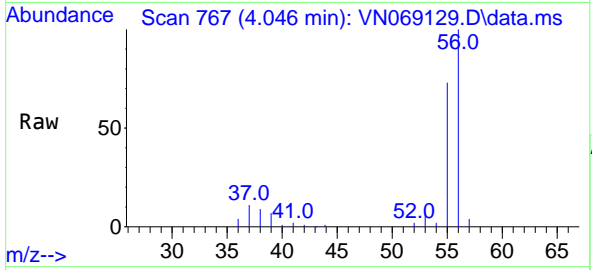
Tgt Ion: 43 Resp: 373913  
 Ion Ratio Lower Upper  
 43 100  
 74 24.9 20.8 31.2





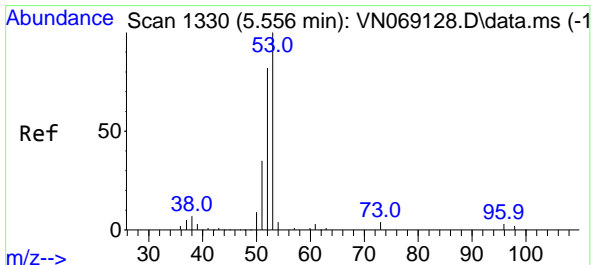
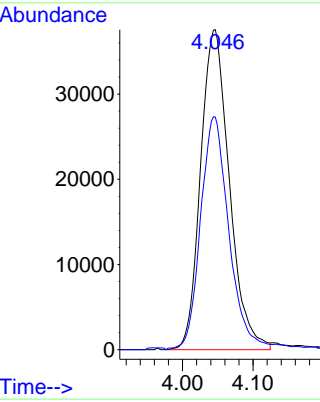
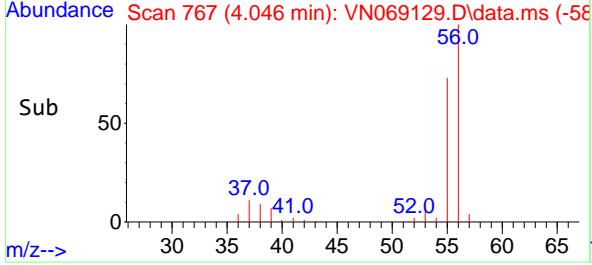
#13  
 Acrolein  
 Concen: 377.258 ug/l  
 RT: 4.046 min Scan# 70  
 Delta R.T. -0.000 min  
 Lab File: VN069129.D  
 Acq: 22 Oct 2021 12:02

Instrument : MSVOA\_N  
 Client Sample Id : VSTDIC050

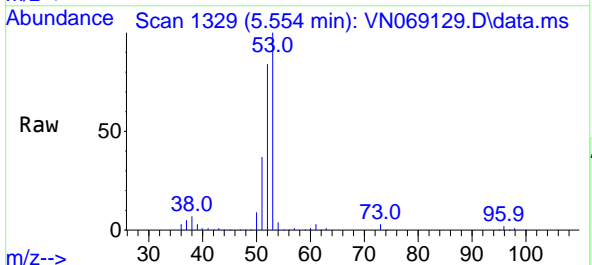


Tgt Ion: 56 Resp: 10645  
 Ion Ratio Lower Upper  
 56 100  
 55 69.9 57.6 86.4

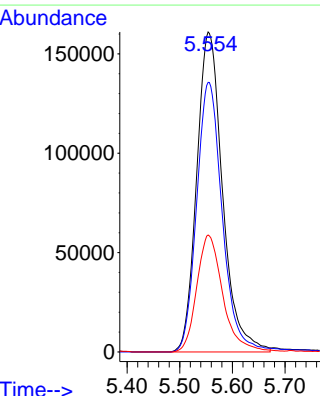
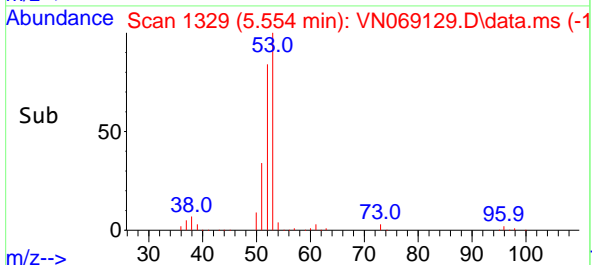
Manual Integrations  
**APPROVED**  
 Reviewed By :John Carlone 10/25/2021  
 Supervised By :Mahesh Dadoda 10/25/2021

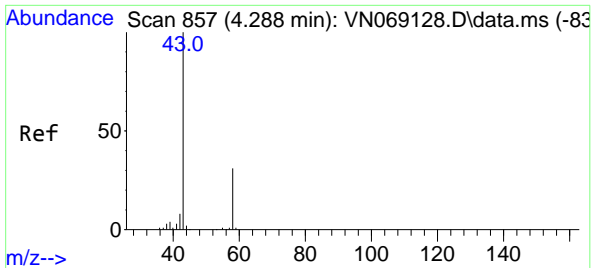


#14  
 Acrylonitrile  
 Concen: 285.580 ug/l  
 RT: 5.554 min Scan# 1329  
 Delta R.T. -0.003 min  
 Lab File: VN069129.D  
 Acq: 22 Oct 2021 12:02



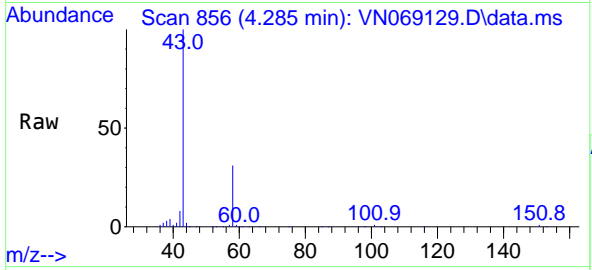
Tgt Ion: 53 Resp: 548628  
 Ion Ratio Lower Upper  
 53 100  
 52 83.8 41.8 125.4  
 51 37.0 19.0 57.0





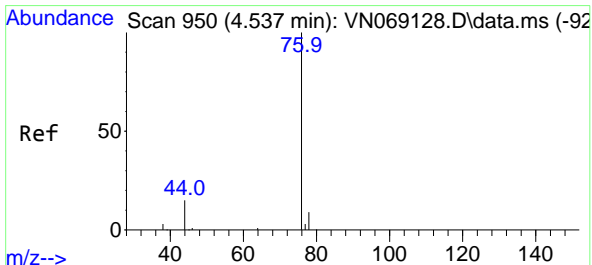
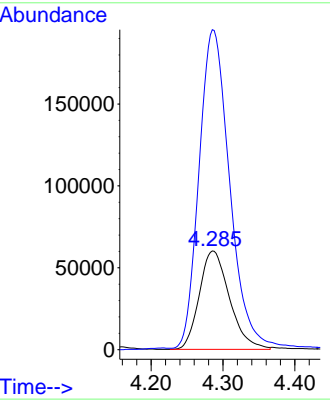
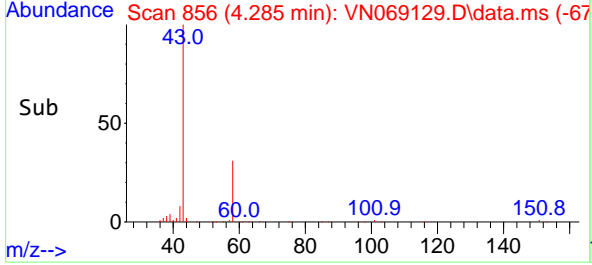
#15  
 Acetone  
 Concen: 314.965 ug/l  
 RT: 4.285 min Scan# 856  
 Delta R.T. -0.003 min  
 Lab File: VN069129.D  
 Acq: 22 Oct 2021 12:02

Instrument : MSVOA\_N  
 Client Sample Id : VSTDIC050

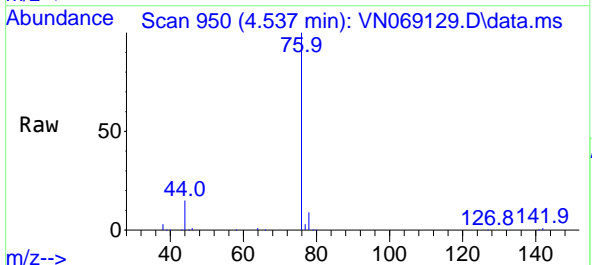


Tgt Ion: 58 Resp: 17554  
 Ion Ratio Lower Upper  
 58 100  
 43 324.1 256.6 384.8

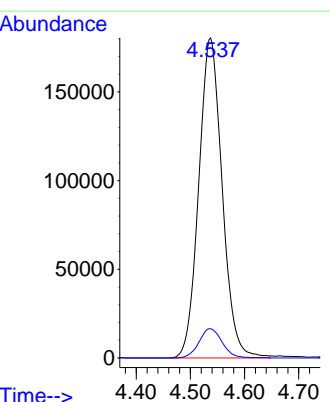
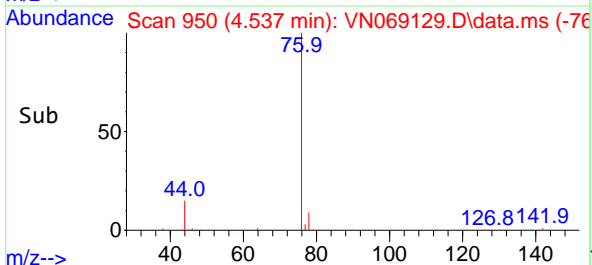
Manual Integrations  
**APPROVED**  
 Reviewed By :John Carlone 10/25/2021  
 Supervised By :Mahesh Dadoda 10/25/2021

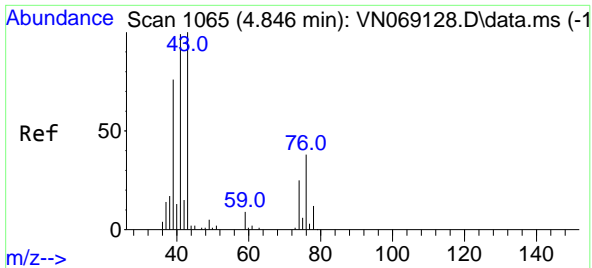


#16  
 Carbon Disulfide  
 Concen: 58.206 ug/l  
 RT: 4.537 min Scan# 950  
 Delta R.T. -0.000 min  
 Lab File: VN069129.D  
 Acq: 22 Oct 2021 12:02



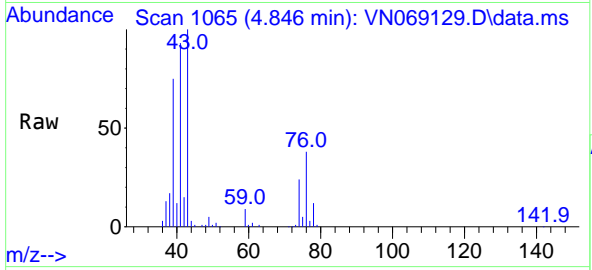
Tgt Ion: 76 Resp: 541629  
 Ion Ratio Lower Upper  
 76 100  
 78 9.1 7.8 11.8





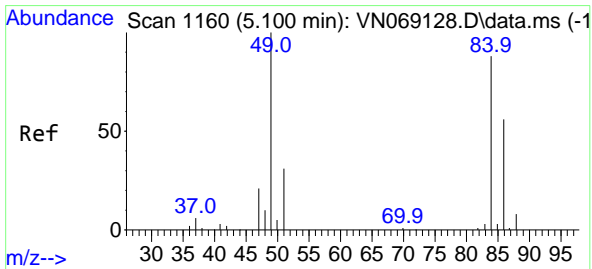
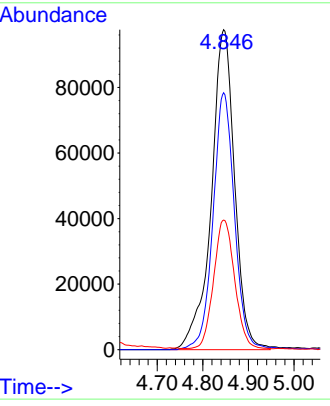
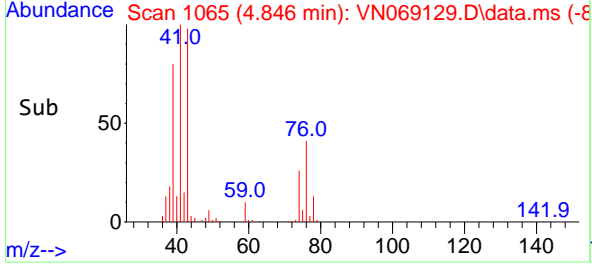
#17  
 Allyl chloride  
 Concen: 62.241 ug/l  
 RT: 4.846 min Scan# 1065  
 Delta R.T. 0.000 min  
 Lab File: VN069129.D  
 Acq: 22 Oct 2021 12:02

Instrument : MSVOA\_N  
 Client Sample Id : VSTDIC050

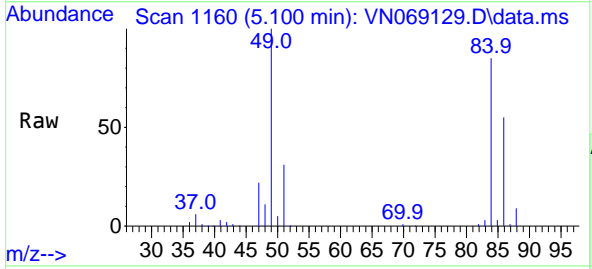


Tgt Ion: 41 Resp: 348624  
 Ion Ratio Lower Upper  
 41 100  
 39 80.3 44.6 134.0  
 76 40.2 19.6 58.7

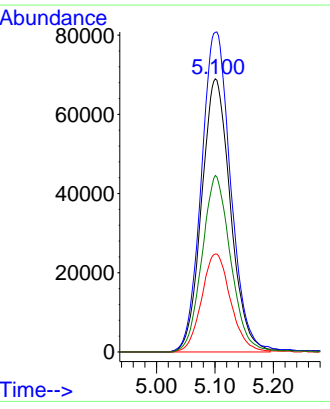
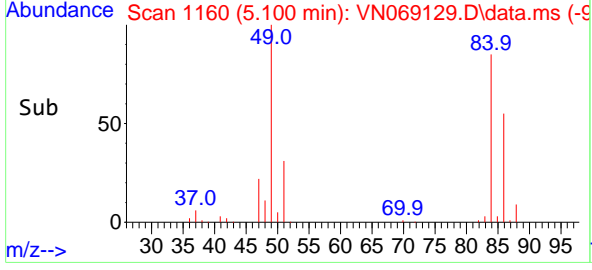
Manual Integrations  
**APPROVED**  
 Reviewed By :John Carlone 10/25/2021  
 Supervised By :Mahesh Dadoda 10/25/2021

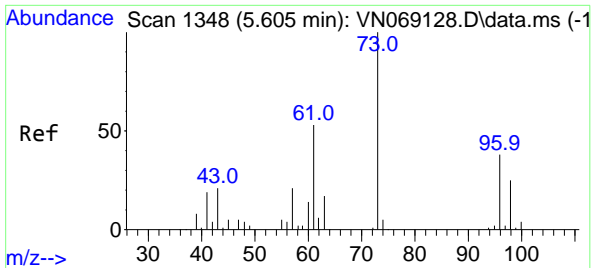


#18  
 Methylene Chloride  
 Concen: 54.923 ug/l  
 RT: 5.100 min Scan# 1160  
 Delta R.T. 0.000 min  
 Lab File: VN069129.D  
 Acq: 22 Oct 2021 12:02



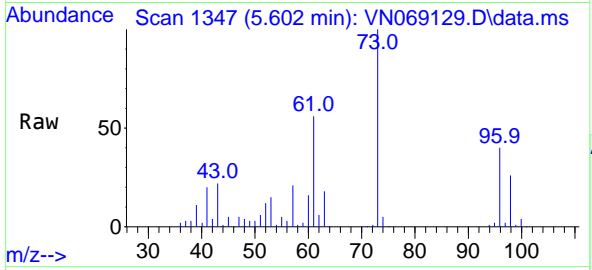
Tgt Ion: 84 Resp: 236524  
 Ion Ratio Lower Upper  
 84 100  
 49 117.0 91.4 137.0  
 51 35.8 29.4 44.0  
 86 64.6 51.1 76.7





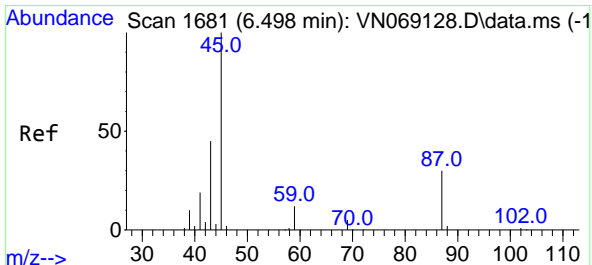
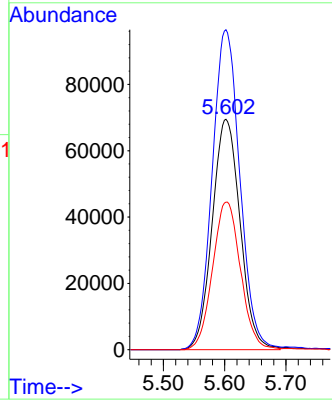
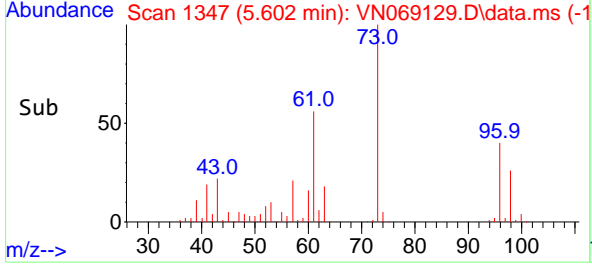
#19  
 trans-1,2-Dichloroethene  
 Concen: 54.673 ug/l  
 RT: 5.602 min Scan# 11  
 Delta R.T. -0.003 min  
 Lab File: VN069129.D  
 Acq: 22 Oct 2021 12:02

Instrument : MSVOA\_N  
 Client Sample Id : VSTDIC050

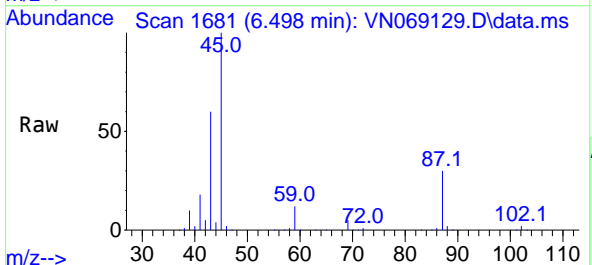


Tgt Ion: 96 Resp: 21999  
 Ion Ratio Lower Upper  
 96 100  
 61 138.8 102.8 154.2  
 98 64.0 49.3 73.9

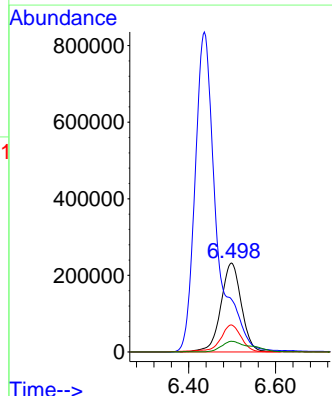
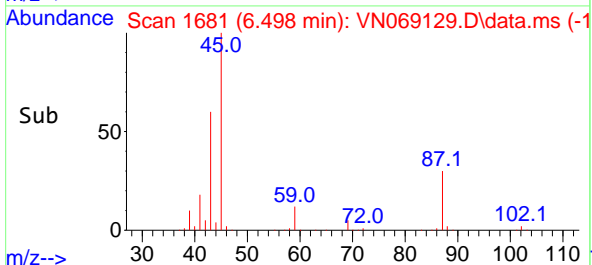
Manual Integrations  
**APPROVED**  
 Reviewed By :John Carlone 10/25/2021  
 Supervised By :Mahesh Dadoda 10/25/2021

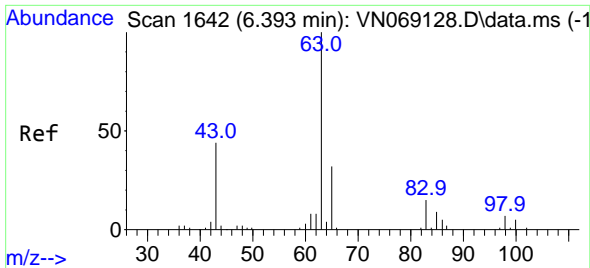


#20  
 Diisopropyl ether  
 Concen: 59.535 ug/l  
 RT: 6.498 min Scan# 1681  
 Delta R.T. -0.000 min  
 Lab File: VN069129.D  
 Acq: 22 Oct 2021 12:02



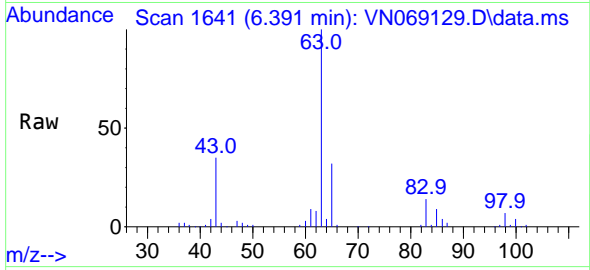
Tgt Ion: 45 Resp: 761960  
 Ion Ratio Lower Upper  
 45 100  
 43 58.0 51.0 76.4  
 87 30.3 25.0 37.4  
 59 11.8 8.7 13.1





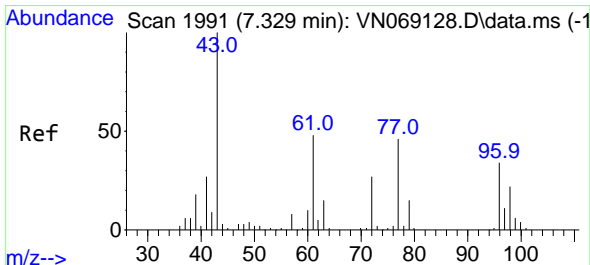
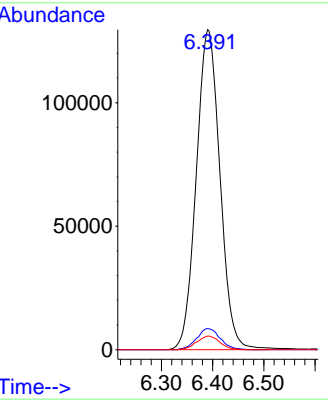
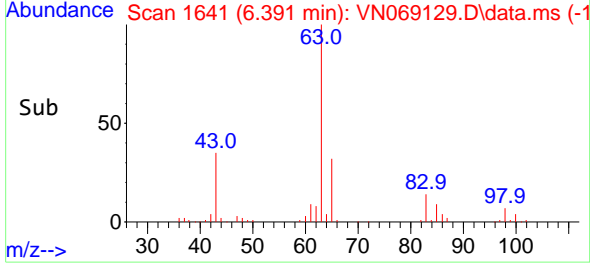
#21  
 1,1-Dichloroethane  
 Concen: 56.369 ug/l  
 RT: 6.391 min Scan# 1641  
 Delta R.T. -0.003 min  
 Lab File: VN069129.D  
 Acq: 22 Oct 2021 12:02

Instrument : MSVOA\_N  
 Client Sample Id : VSTDIC050

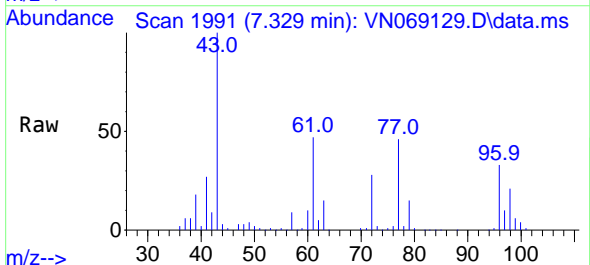


Tgt Ion: 63 Resp: 41639  
 Ion Ratio Lower Upper  
 63 100  
 98 6.6 3.2 9.6  
 100 4.2 2.1 6.2

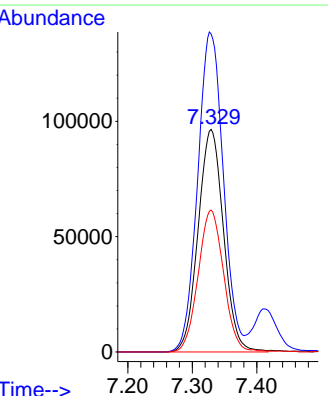
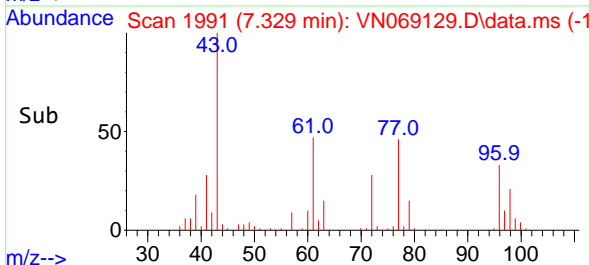
Manual Integrations  
**APPROVED**  
 Reviewed By :John Carlone 10/25/2021  
 Supervised By :Mahesh Dadoda 10/25/2021

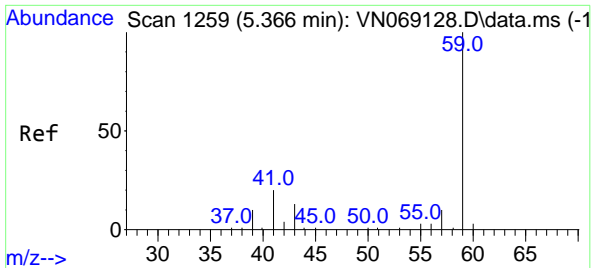


#22  
 cis-1,2-Dichloroethene  
 Concen: 53.712 ug/l  
 RT: 7.329 min Scan# 1991  
 Delta R.T. 0.000 min  
 Lab File: VN069129.D  
 Acq: 22 Oct 2021 12:02



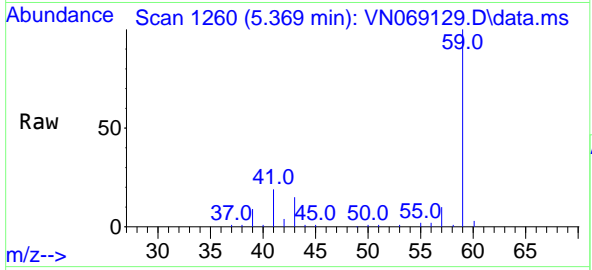
Tgt Ion: 96 Resp: 264082  
 Ion Ratio Lower Upper  
 96 100  
 61 145.2 115.7 173.5  
 98 63.6 51.6 77.4





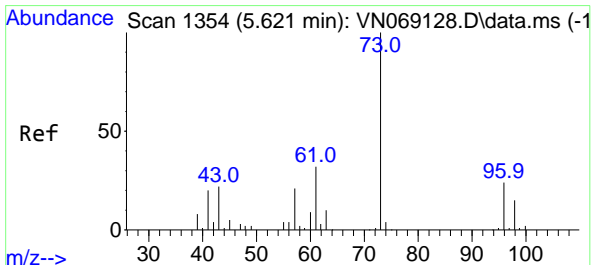
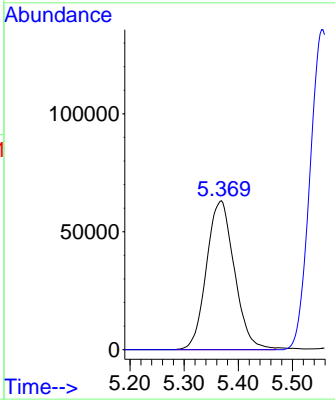
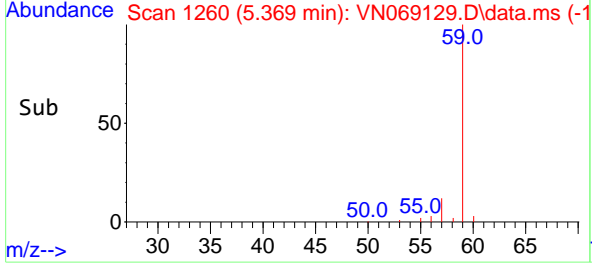
#23  
 tert-Butyl Alcohol  
 Concen: 311.952 ug/l  
 RT: 5.369 min Scan# 1259  
 Delta R.T. 0.003 min  
 Lab File: VN069129.D  
 Acq: 22 Oct 2021 12:02

Instrument : MSVOA\_N  
 Client Sample Id : VSTDIC050

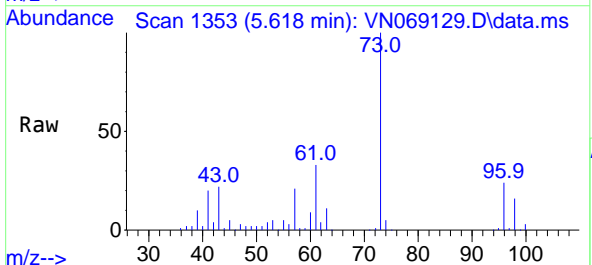


Tgt Ion: 59 Resp: 22612  
 Ion Ratio Lower Upper  
 59 100  
 52 0.0 0.0 0.0

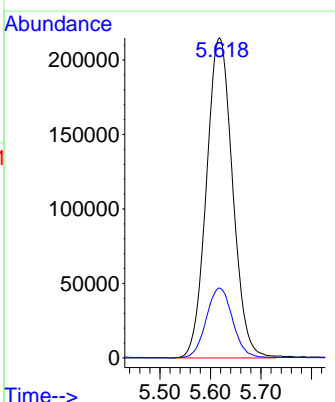
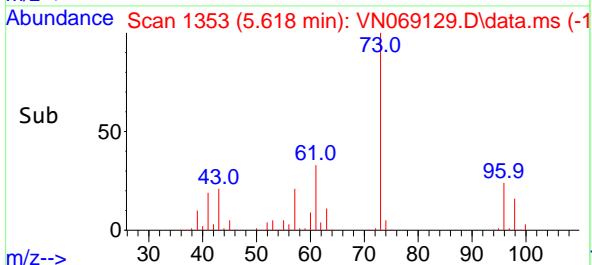
Manual Integrations  
**APPROVED**  
 Reviewed By :John Carlone 10/25/2021  
 Supervised By :Mahesh Dadoda 10/25/2021

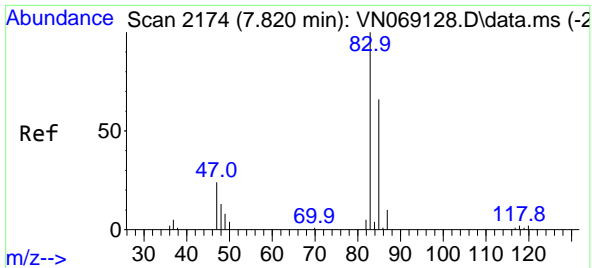


#24  
 Methyl tert-Butyl Ether  
 Concen: 57.041 ug/l  
 RT: 5.618 min Scan# 1353  
 Delta R.T. -0.003 min  
 Lab File: VN069129.D  
 Acq: 22 Oct 2021 12:02



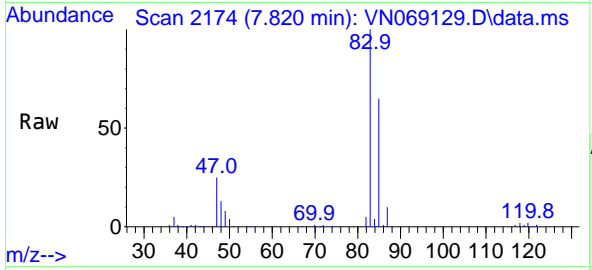
Tgt Ion: 73 Resp: 773313  
 Ion Ratio Lower Upper  
 73 100  
 43 22.1 18.1 27.1





#25  
 Chloroform  
 Concen: 52.691 ug/l  
 RT: 7.820 min Scan# 2174  
 Delta R.T. 0.000 min  
 Lab File: VN069129.D  
 Acq: 22 Oct 2021 12:02

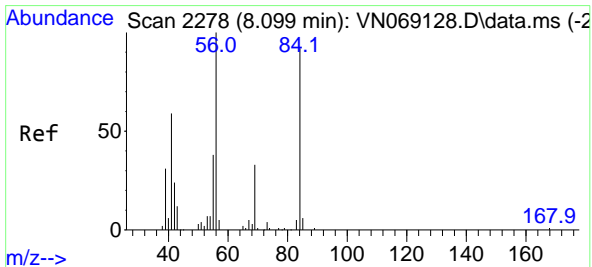
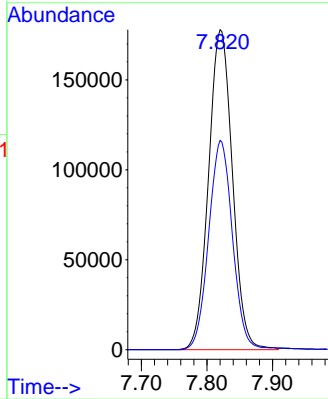
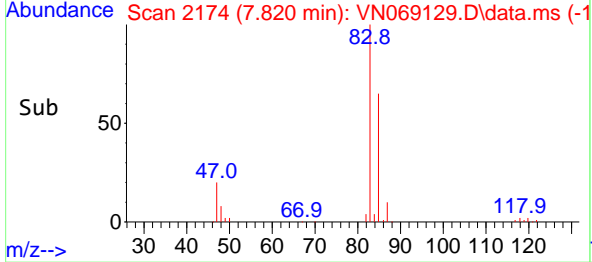
Instrument :  
 MSVOA\_N  
 Client Sample Id :  
 VSTDIC050



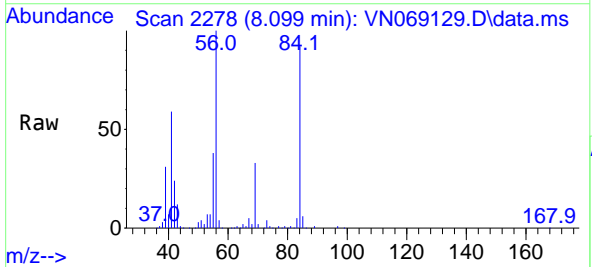
Tgt Ion: 83 Resp: 45045  
 Ion Ratio Lower Upper  
 83 100  
 85 65.4 51.3 76.9

Manual Integrations  
**APPROVED**

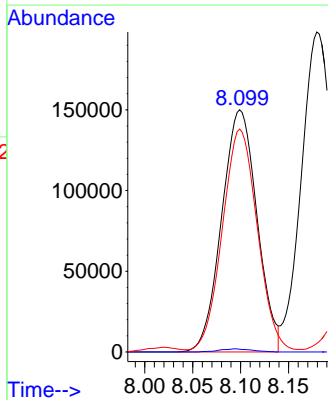
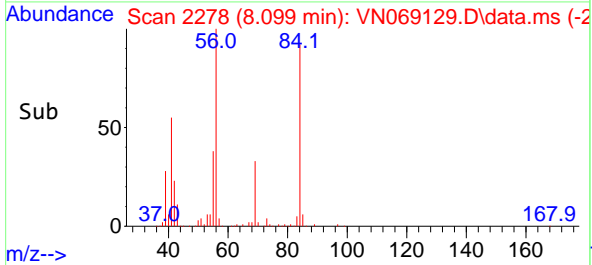
Reviewed By :John Carlone 10/25/2021  
 Supervised By :Mahesh Dadoda 10/25/2021



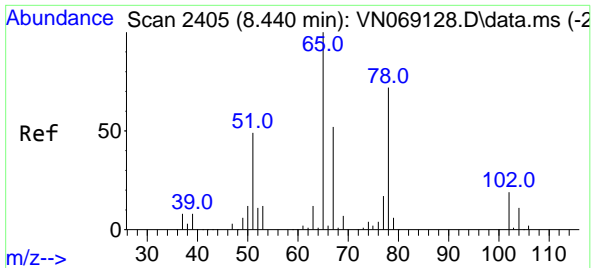
#26  
 Cyclohexane  
 Concen: 59.014 ug/l  
 RT: 8.099 min Scan# 2278  
 Delta R.T. -0.000 min  
 Lab File: VN069129.D  
 Acq: 22 Oct 2021 12:02



Tgt Ion: 56 Resp: 385215  
 Ion Ratio Lower Upper  
 56 100  
 89 1.2 0.1 0.1#  
 84 91.4 74.6 111.8







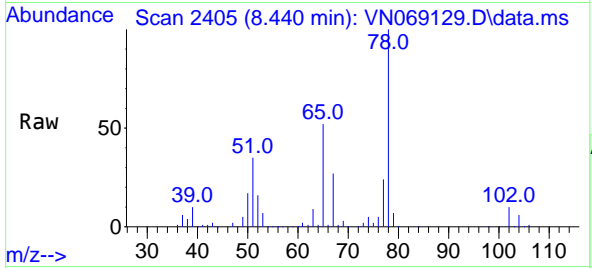
#27  
 1,2-Dichloroethane-d4  
 Concen: 30.685 ug/l  
 RT: 8.440 min Scan# 2405  
 Delta R.T. -0.000 min  
 Lab File: VN069129.D  
 Acq: 22 Oct 2021 12:02

Instrument :

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ClientSampleId :

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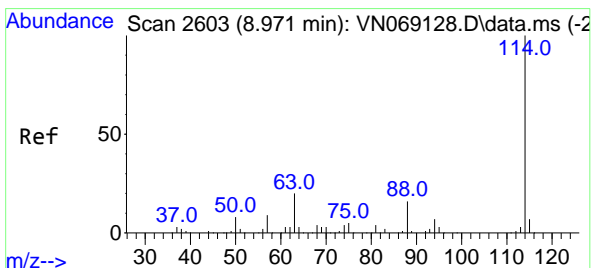
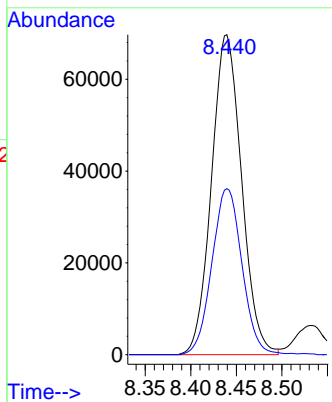
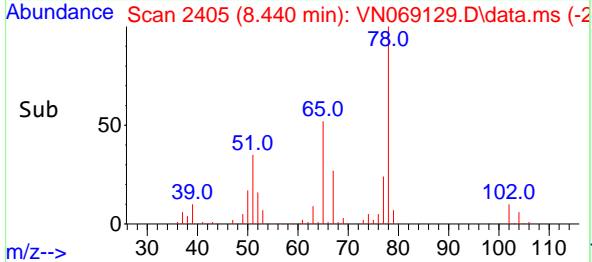


Tgt Ion: 65 Resp: 16011  
 Ion Ratio Lower Upper  
 65 100  
 67 51.8 40.2 60.2

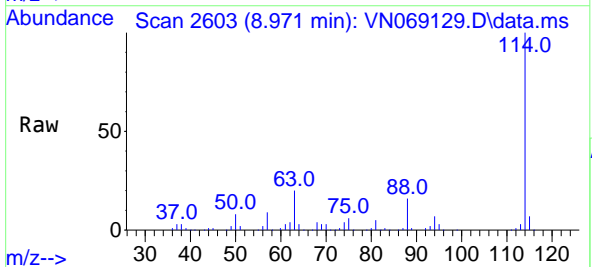
Manual Integrations

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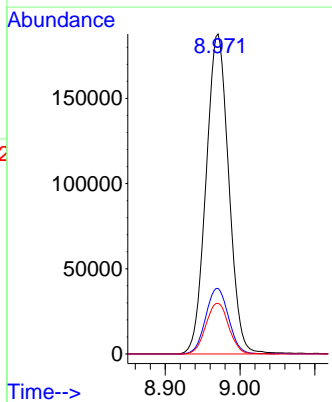
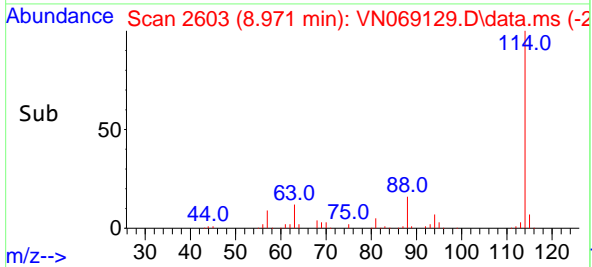
Reviewed By :John Carlone 10/25/2021  
 Supervised By :Mahesh Dadoda 10/25/2021

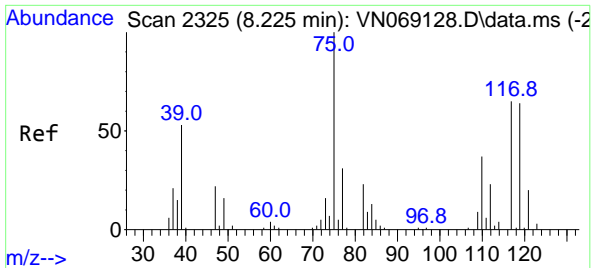


#28  
 1,4-Difluorobenzene  
 Concen: 30.000 ug/l  
 RT: 8.971 min Scan# 2603  
 Delta R.T. 0.000 min  
 Lab File: VN069129.D  
 Acq: 22 Oct 2021 12:02



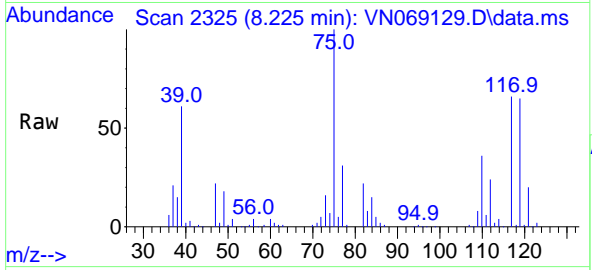
Tgt Ion:114 Resp: 395399  
 Ion Ratio Lower Upper  
 114 100  
 63 20.7 15.8 23.6  
 88 16.0 11.6 17.4





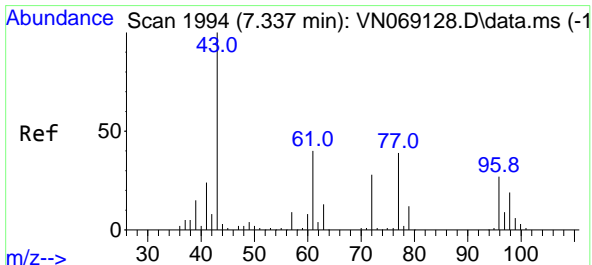
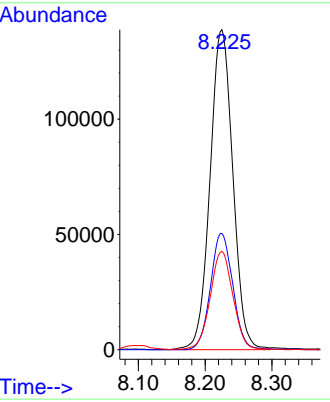
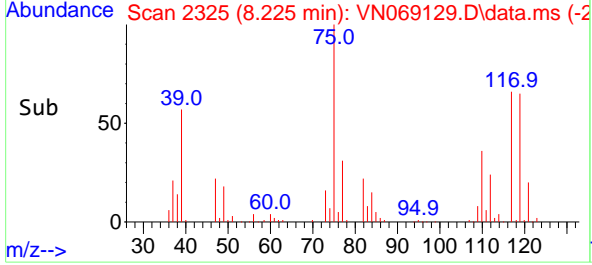
#29  
 1,1-Dichloropropene  
 Concen: 51.875 ug/l  
 RT: 8.225 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: VN069129.D  
 Acq: 22 Oct 2021 12:02

Instrument : MSVOA\_N  
 ClientSampleId : VSTDIC050

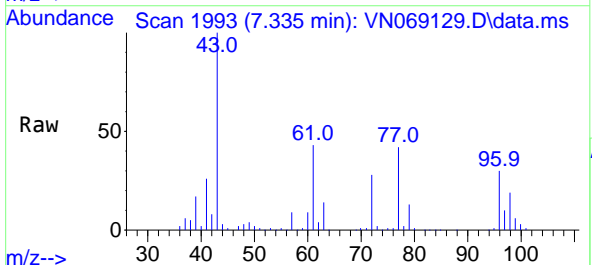


Tgt Ion: 75 Resp: 32987  
 Ion Ratio Lower Upper  
 75 100  
 110 35.6 0.0 74.2  
 77 30.4 0.0 63.2

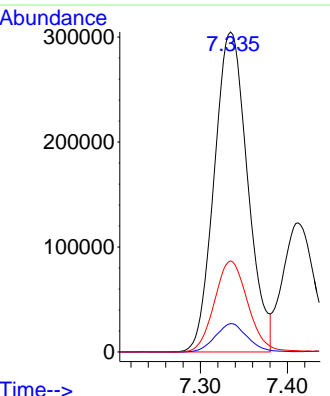
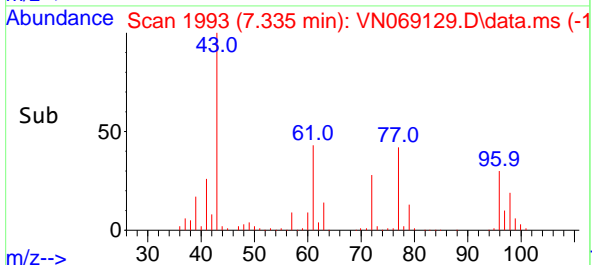
Manual Integrations  
**APPROVED**  
 Reviewed By :John Carlone 10/25/2021  
 Supervised By :Mahesh Dadoda 10/25/2021

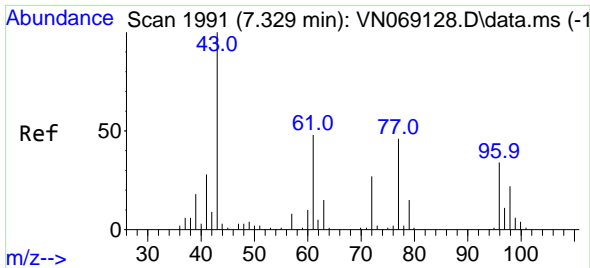


#30  
 2-Butanone  
 Concen: 279.479 ug/l  
 RT: 7.335 min Scan# 1993  
 Delta R.T. -0.003 min  
 Lab File: VN069129.D  
 Acq: 22 Oct 2021 12:02



Tgt Ion: 43 Resp: 812298  
 Ion Ratio Lower Upper  
 43 100  
 57 8.5 6.7 10.1  
 72 28.5 23.2 34.8





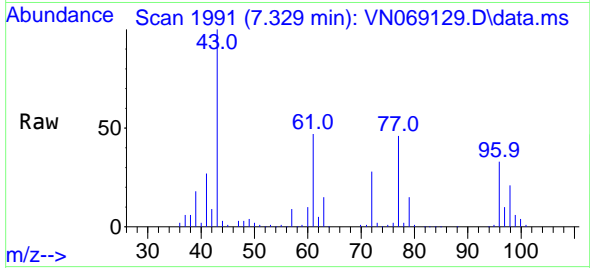
#31  
 2,2-Dichloropropane  
 Concen: 53.719 ug/l  
 RT: 7.329 min Scan# 1991  
 Delta R.T. 0.000 min  
 Lab File: VN069129.D  
 Acq: 22 Oct 2021 12:02

Instrument :

MSVOA\_N

Client Sampled :

VSTDICC050

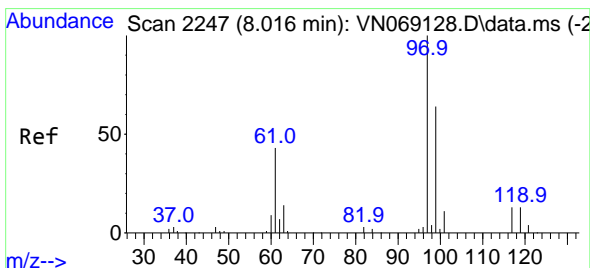
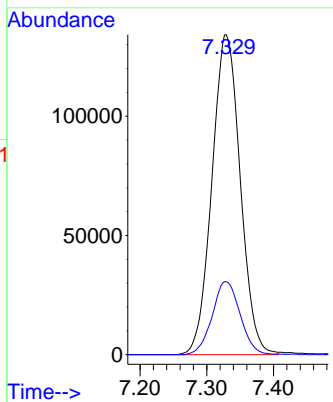
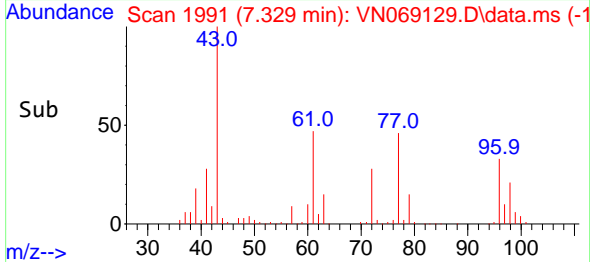


Tgt Ion: 77 Resp: 395748  
 Ion Ratio Lower Upper  
 77 100  
 97 22.6 18.3 27.5

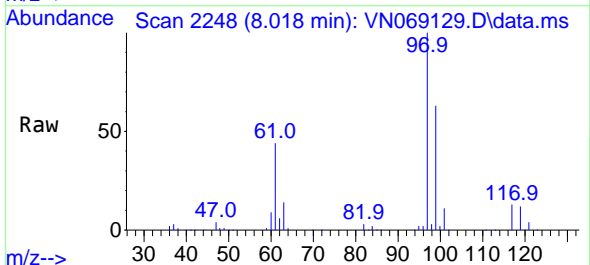
Manual Integrations

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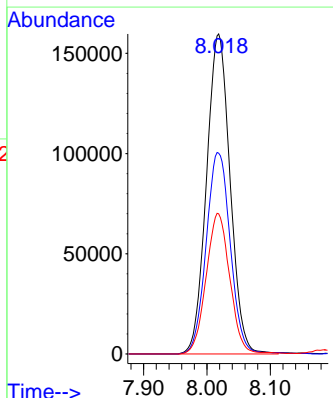
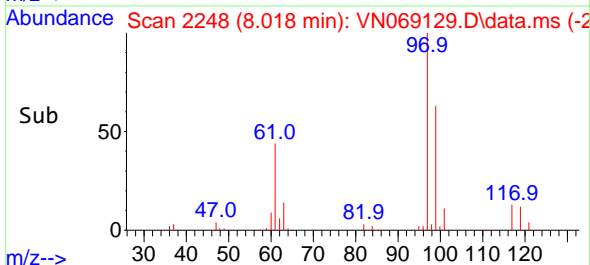
Reviewed By :John Carlone 10/25/2021  
 Supervised By :Mahesh Dadoda 10/25/2021

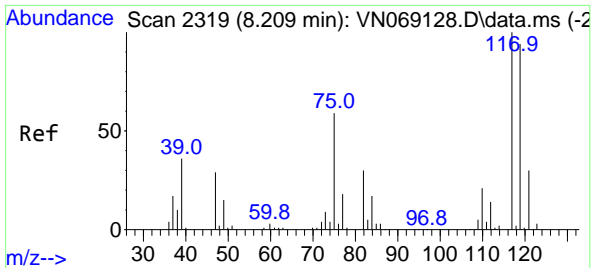


#32  
 1,1,1-Trichloroethane  
 Concen: 51.268 ug/l  
 RT: 8.018 min Scan# 2248  
 Delta R.T. 0.003 min  
 Lab File: VN069129.D  
 Acq: 22 Oct 2021 12:02



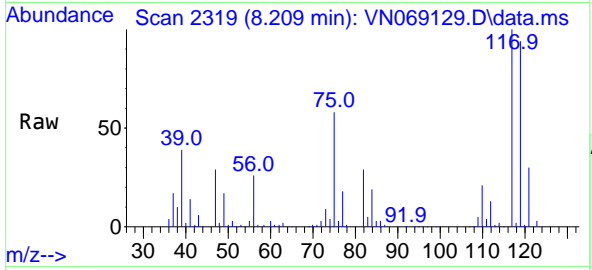
Tgt Ion: 97 Resp: 413749  
 Ion Ratio Lower Upper  
 97 100  
 99 64.1 50.4 75.6  
 61 43.8 34.6 51.8





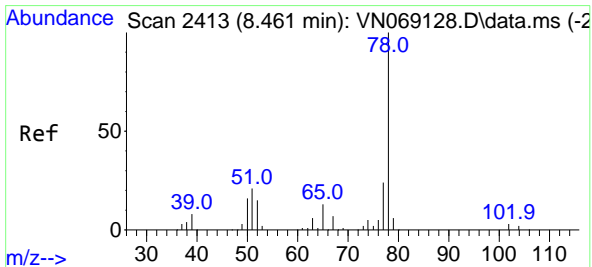
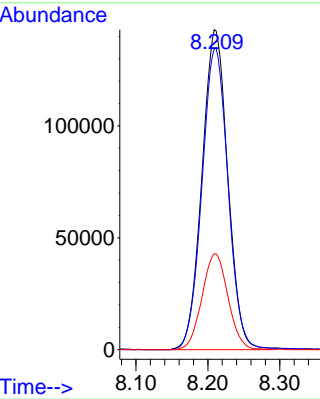
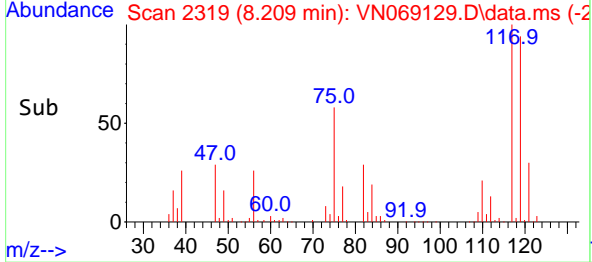
#33  
 Carbon Tetrachloride  
 Concen: 49.953 ug/l  
 RT: 8.209 min Scan# 2117  
 Delta R.T. -0.000 min  
 Lab File: VN069129.D  
 Acq: 22 Oct 2021 12:02

Instrument : MSVOA\_N  
 Client Sample Id : VSTDIC050

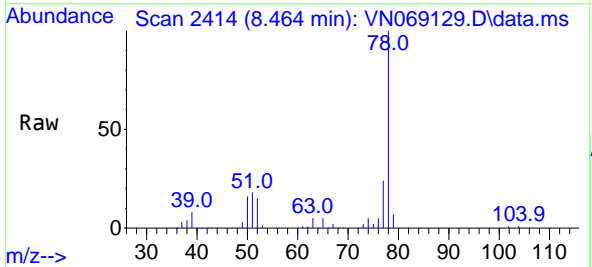


Tgt Ion: 117 Resp: 356150  
 Ion Ratio Lower Upper  
 117 100  
 119 94.0 77.5 116.3  
 121 30.0 23.5 35.3

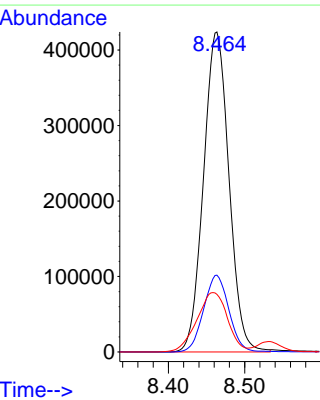
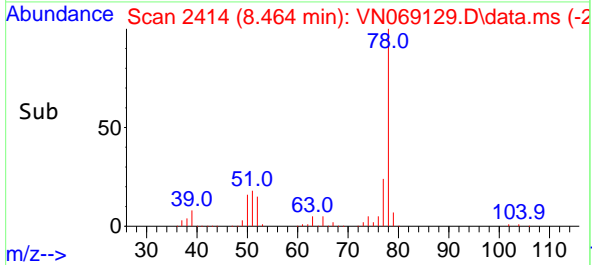
Manual Integrations  
**APPROVED**  
 Reviewed By : John Carlone 10/25/2021  
 Supervised By : Mahesh Dadoda 10/25/2021

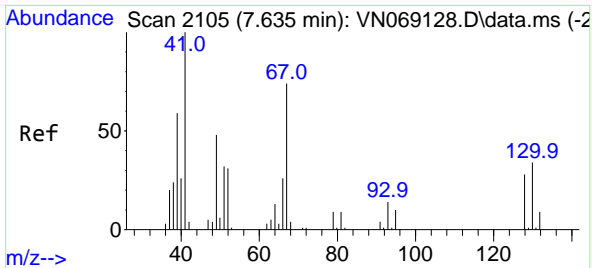


#34  
 Benzene  
 Concen: 52.089 ug/l  
 RT: 8.464 min Scan# 2414  
 Delta R.T. 0.003 min  
 Lab File: VN069129.D  
 Acq: 22 Oct 2021 12:02



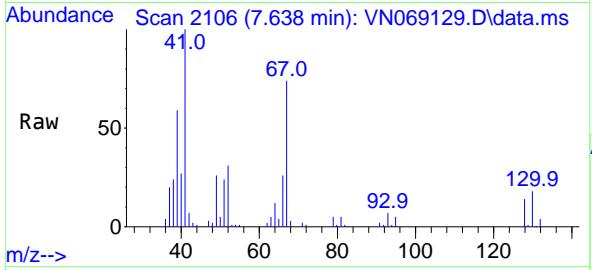
Tgt Ion: 78 Resp: 982586  
 Ion Ratio Lower Upper  
 78 100  
 77 24.0 19.1 28.7  
 51 17.7 16.0 24.0





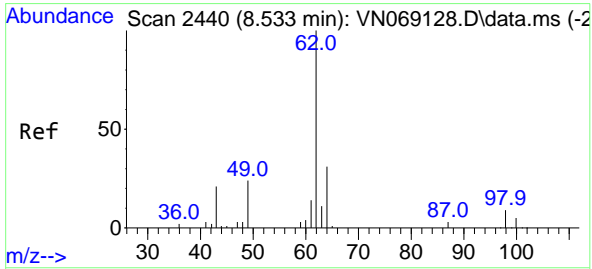
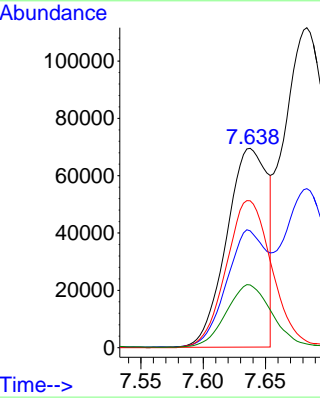
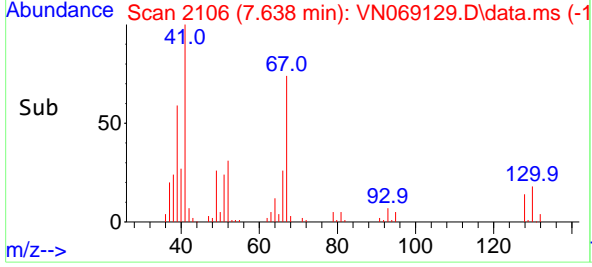
#35  
 Methacrylonitrile  
 Concen: 55.570 ug/l  
 RT: 7.638 min Scan# 2105  
 Delta R.T. 0.003 min  
 Lab File: VN069129.D  
 Acq: 22 Oct 2021 12:02

Instrument : MSVOA\_N  
 Client Sample Id : VSTDIC050

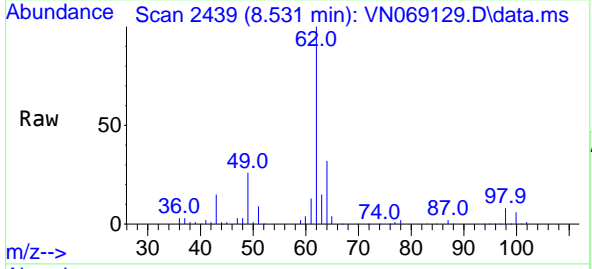


Tgt Ion: 41 Resp: 158088  
 Ion Ratio Lower Upper  
 41 100  
 39 58.5 28.0 83.9  
 67 73.9 37.7 113.1  
 52 31.2 17.1 51.2

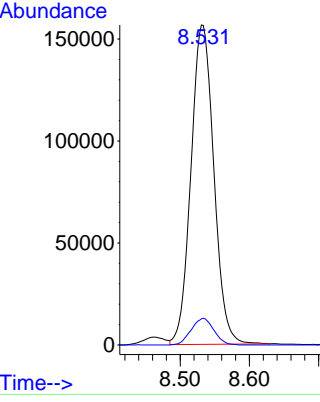
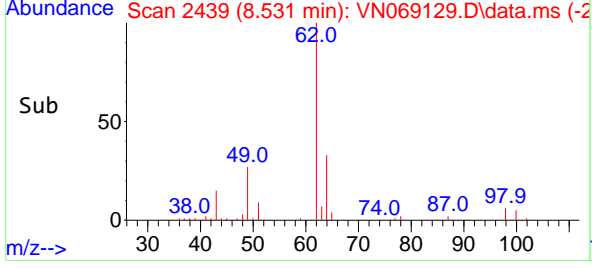
Manual Integrations  
**APPROVED**  
 Reviewed By :John Carlone 10/25/2021  
 Supervised By :Mahesh Dadoda 10/25/2021

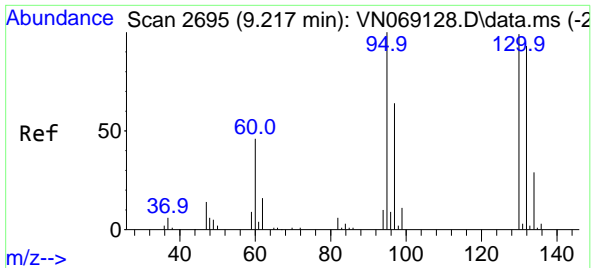


#36  
 1,2-Dichloroethane  
 Concen: 51.563 ug/l  
 RT: 8.531 min Scan# 2439  
 Delta R.T. -0.003 min  
 Lab File: VN069129.D  
 Acq: 22 Oct 2021 12:02



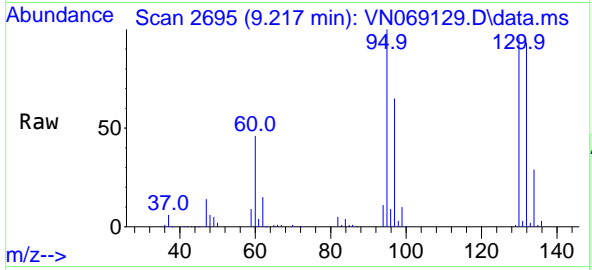
Tgt Ion: 62 Resp: 359327  
 Ion Ratio Lower Upper  
 62 100  
 98 8.3 6.6 10.0





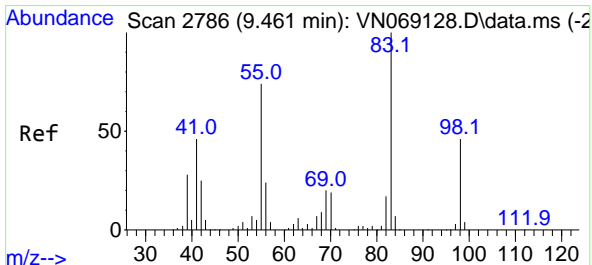
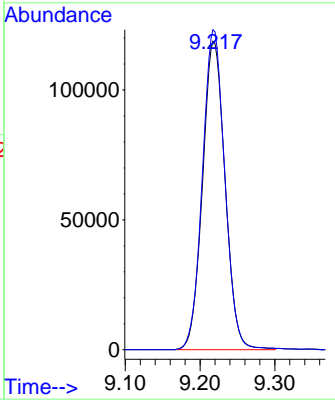
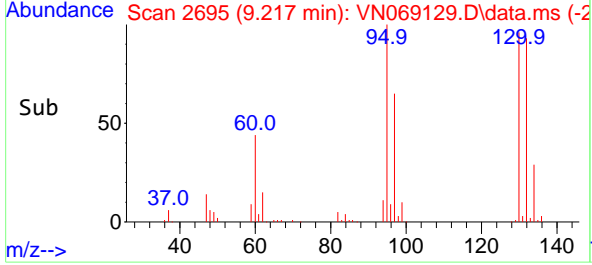
#37  
 Trichloroethene  
 Concen: 50.437 ug/l  
 RT: 9.217 min Scan# 2695  
 Delta R.T. -0.000 min  
 Lab File: VN069129.D  
 Acq: 22 Oct 2021 12:02

Instrument : MSVOA\_N  
 Client Sample Id : VSTDIC050

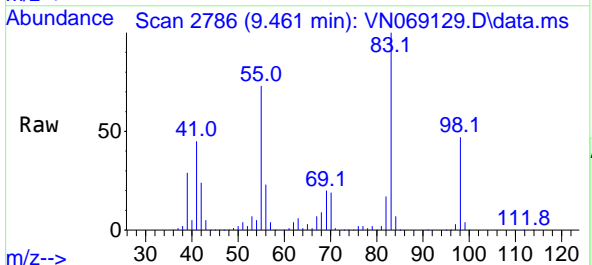


Tgt Ion: 130 Resp: 24872  
 Ion Ratio Lower Upper  
 130 100  
 95 103.7 76.6 115.0

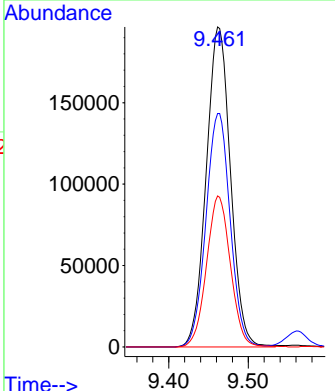
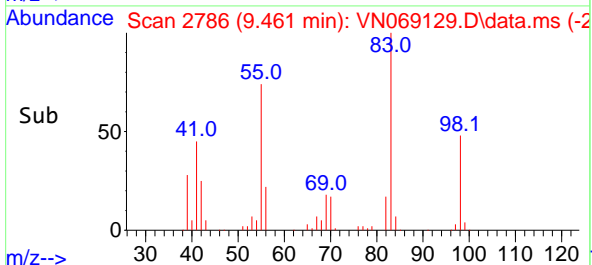
Manual Integrations  
**APPROVED**  
 Reviewed By : John Carlone 10/25/2021  
 Supervised By : Mahesh Dadoda 10/25/2021

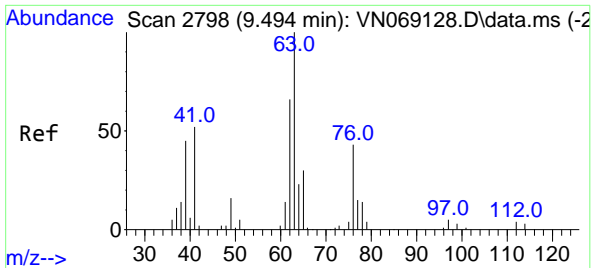


#38  
 Methylcyclohexane  
 Concen: 52.653 ug/l  
 RT: 9.461 min Scan# 2786  
 Delta R.T. 0.000 min  
 Lab File: VN069129.D  
 Acq: 22 Oct 2021 12:02



Tgt Ion: 83 Resp: 416570  
 Ion Ratio Lower Upper  
 83 100  
 55 73.0 35.1 105.3  
 98 46.5 23.4 70.2





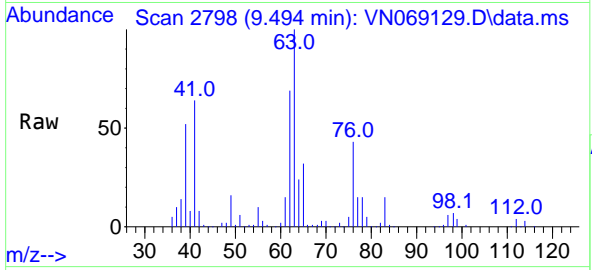
#39  
 1,2-Dichloropropane  
 Concen: 53.577 ug/l  
 RT: 9.494 min Scan# 2798  
 Delta R.T. 0.000 min  
 Lab File: VN069129.D  
 Acq: 22 Oct 2021 12:02

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC050

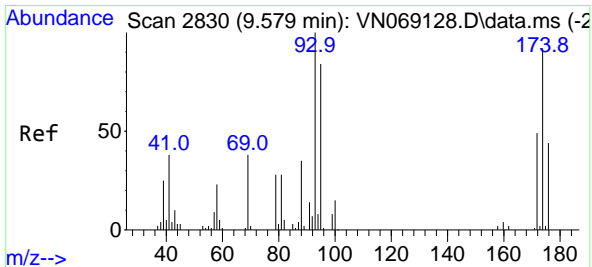
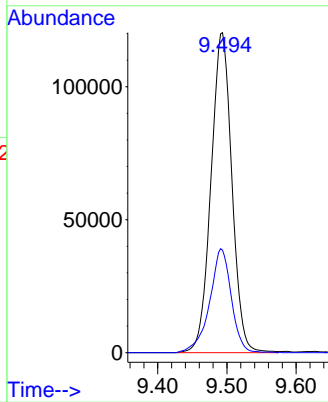
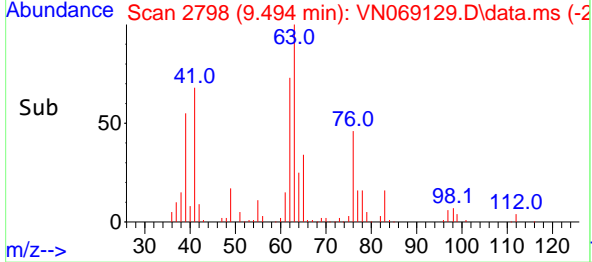


Tgt Ion: 63 Resp: 252009  
 Ion Ratio Lower Upper  
 63 100  
 65 32.1 24.2 36.4

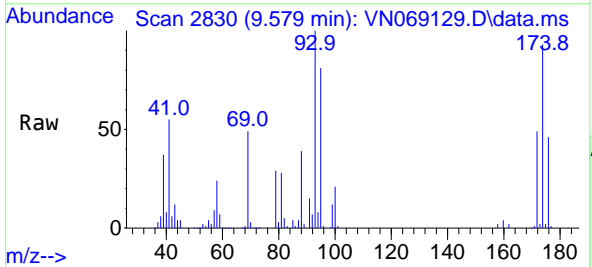
Manual Integrations

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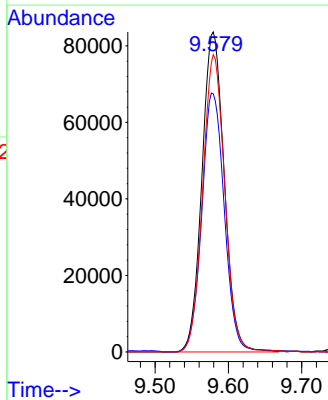
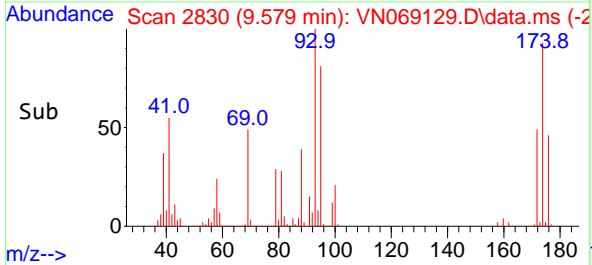
Reviewed By :John Carlone 10/25/2021  
 Supervised By :Mahesh Dadoda 10/25/2021

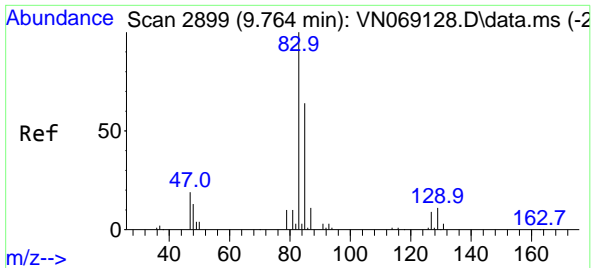


#40  
 Dibromomethane  
 Concen: 48.807 ug/l  
 RT: 9.579 min Scan# 2830  
 Delta R.T. -0.000 min  
 Lab File: VN069129.D  
 Acq: 22 Oct 2021 12:02



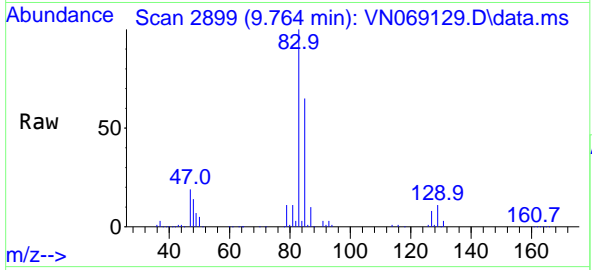
Tgt Ion: 93 Resp: 176932  
 Ion Ratio Lower Upper  
 93 100  
 95 81.2 0.0 168.8  
 174 91.6 0.0 173.6





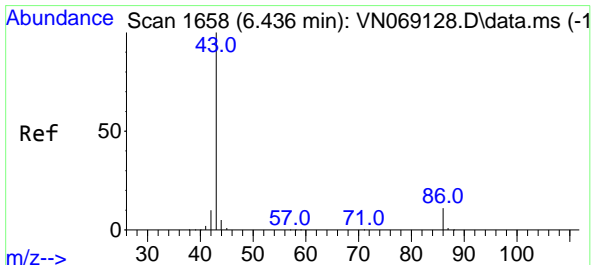
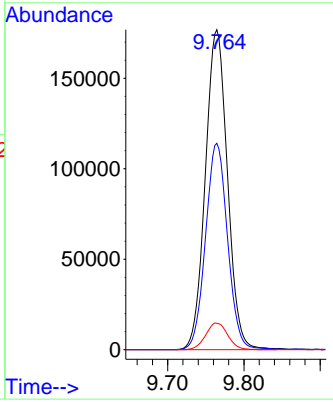
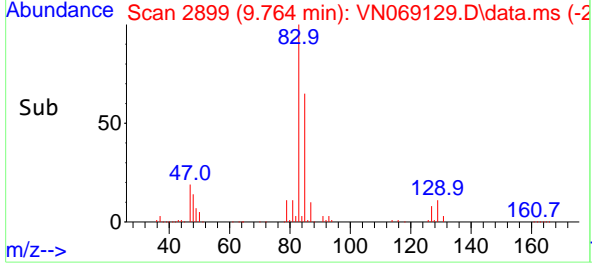
#41  
 Bromodichloromethane  
 Concen: 49.985 ug/l  
 RT: 9.764 min Scan# 2899  
 Delta R.T. 0.000 min  
 Lab File: VN069129.D  
 Acq: 22 Oct 2021 12:02

Instrument : MSVOA\_N  
 Client Sample Id : VSTDIC050

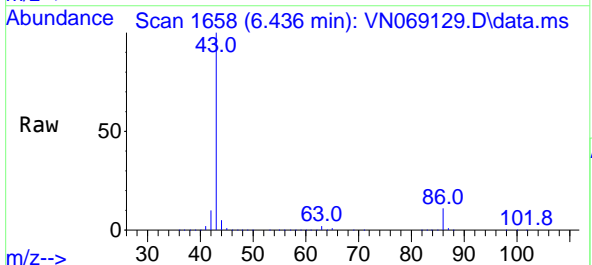


Tgt Ion: 83 Resp: 356169  
 Ion Ratio Lower Upper  
 83 100  
 85 64.5 54.1 81.1  
 127 8.3 7.6 11.4

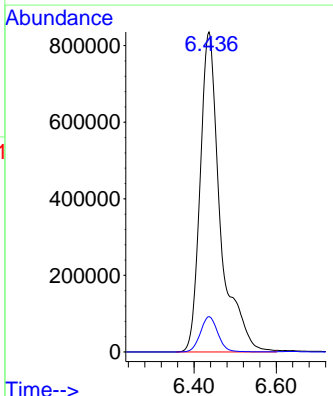
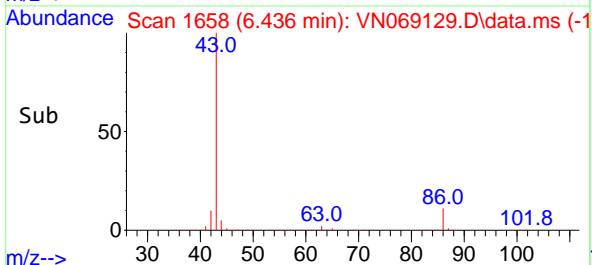
Manual Integrations  
**APPROVED**  
 Reviewed By :John Carlone 10/25/2021  
 Supervised By :Mahesh Dadoda 10/25/2021



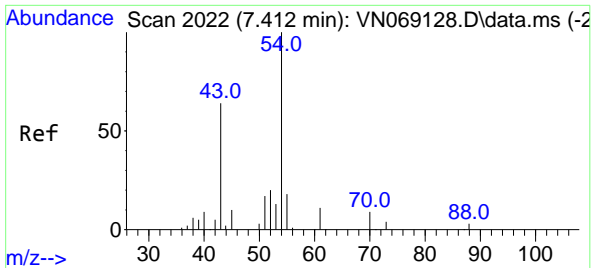
#42  
 Vinyl Acetate  
 Concen: 268.118 ug/l  
 RT: 6.436 min Scan# 1658  
 Delta R.T. -0.000 min  
 Lab File: VN069129.D  
 Acq: 22 Oct 2021 12:02



Tgt Ion: 43 Resp: 2845869  
 Ion Ratio Lower Upper  
 43 100  
 86 9.6 7.5 11.3







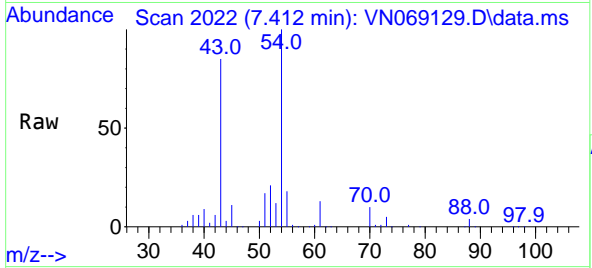
#43  
 Ethyl Acetate  
 Concen: 54.365 ug/l  
 RT: 7.412 min Scan# 2022  
 Delta R.T. -0.000 min  
 Lab File: VN069129.D  
 Acq: 22 Oct 2021 12:02

Instrument :

MSVOA\_N

Client Sample Id :

VSTDICC050



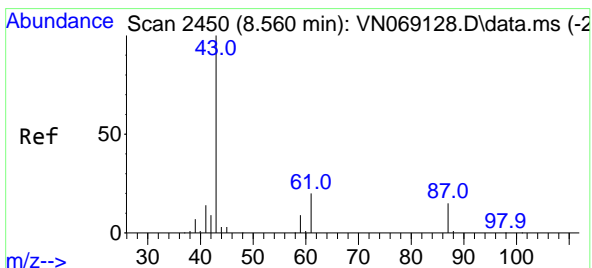
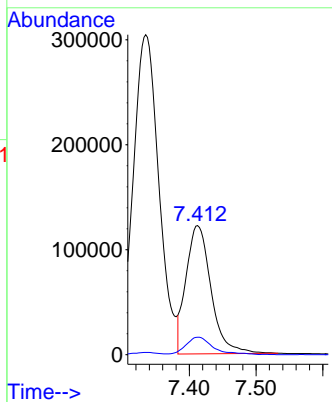
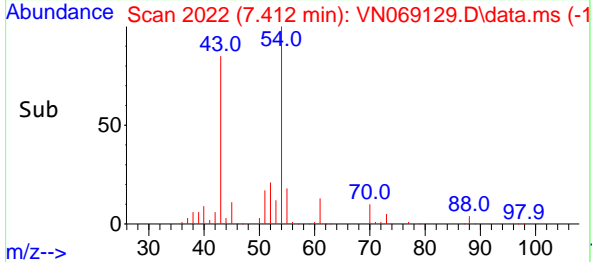
Tgt Ion: 43 Resp: 31766  
 Ion Ratio Lower Upper  
 43 100  
 45 13.0 10.6 16.0

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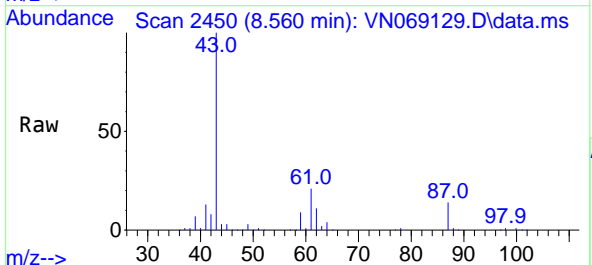
APPROVED

Reviewed By :John Carlone 10/25/2021

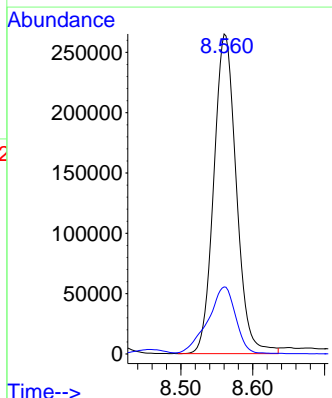
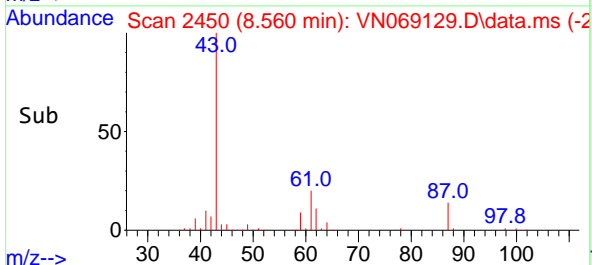
Supervised By :Mahesh Dadoda 10/25/2021

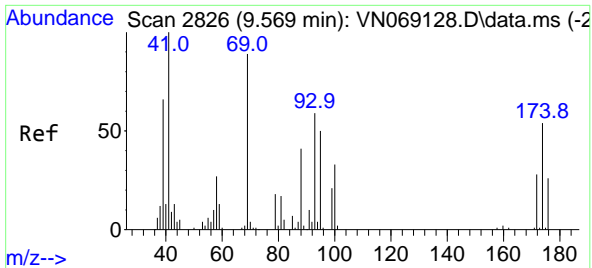


#44  
 Isopropyl Acetate  
 Concen: 55.034 ug/l  
 RT: 8.560 min Scan# 2450  
 Delta R.T. -0.000 min  
 Lab File: VN069129.D  
 Acq: 22 Oct 2021 12:02



Tgt Ion: 43 Resp: 576265  
 Ion Ratio Lower Upper  
 43 100  
 61 25.7 20.1 30.1





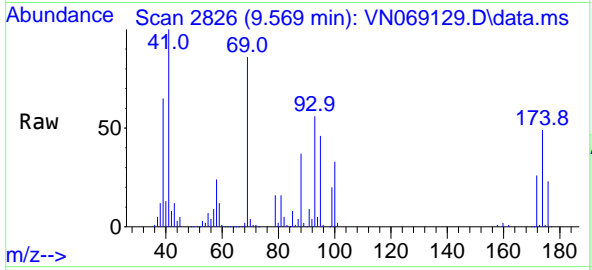
#45  
 1,4-Dioxane  
 Concen: 1093.189 ug/l  
 RT: 9.569 min Scan# 2826  
 Delta R.T. 0.000 min  
 Lab File: VN069129.D  
 Acq: 22 Oct 2021 12:02

Instrument :

MSVOA\_N

Client Sample Id :

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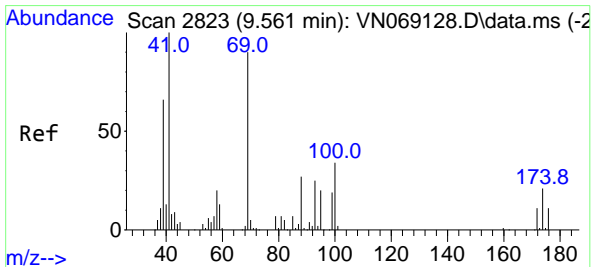
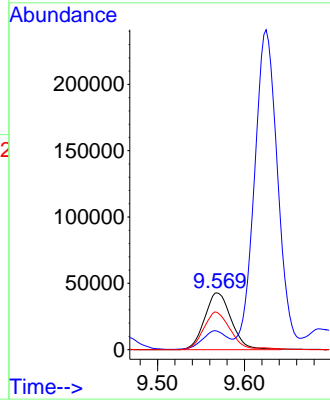
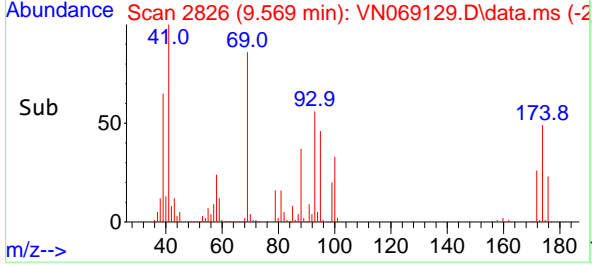


Tgt Ion: 88 Resp: 91414  
 Ion Ratio Lower Upper  
 88 100  
 43 29.3 25.0 37.6  
 58 64.9 49.4 74.2

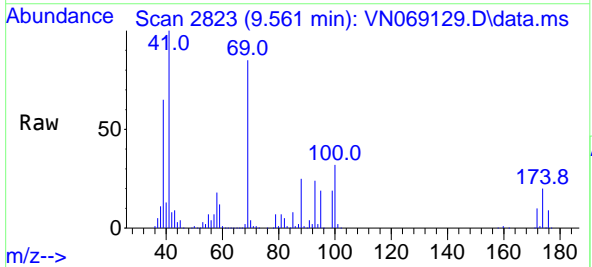
Manual Integrations

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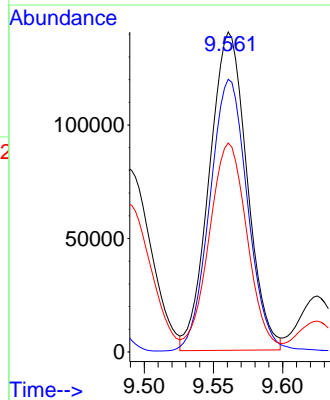
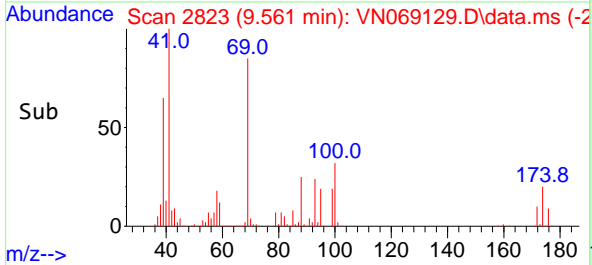
Reviewed By :John Carlone 10/25/2021  
 Supervised By :Mahesh Dadoda 10/25/2021

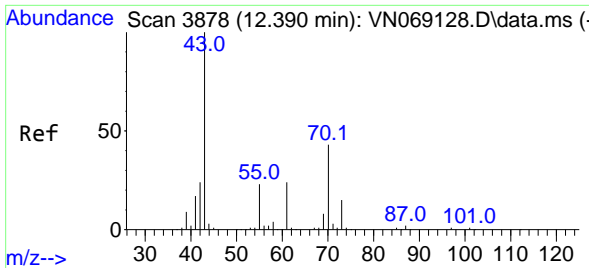


#46  
 Methyl methacrylate  
 Concen: 57.482 ug/l  
 RT: 9.561 min Scan# 2823  
 Delta R.T. 0.000 min  
 Lab File: VN069129.D  
 Acq: 22 Oct 2021 12:02



Tgt Ion: 41 Resp: 265366  
 Ion Ratio Lower Upper  
 41 100  
 69 87.3 44.4 133.2  
 39 65.5 39.9 119.6





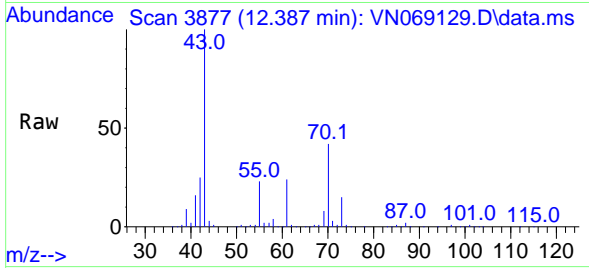
#47  
 n-amy1 Acetate  
 Concen: 56.128 ug/l  
 RT: 12.387 min Scan# 3877  
 Delta R.T. -0.003 min  
 Lab File: VN069129.D  
 Acq: 22 Oct 2021 12:02

Instrument :

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ClientSampleId :

VSTDIC050

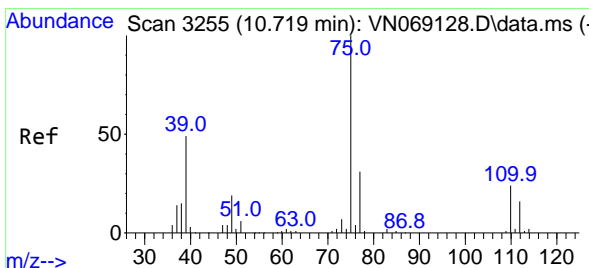
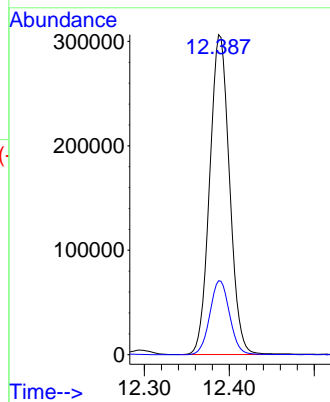
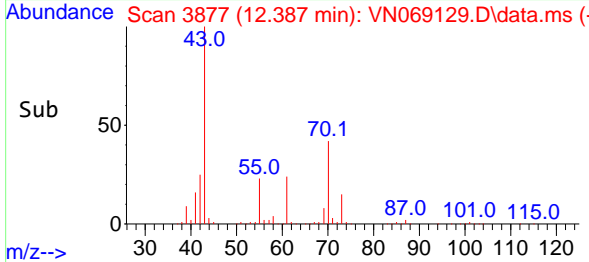


Tgt Ion: 43 Resp: 49550  
 Ion Ratio Lower Upper  
 43 100  
 55 23.1 19.0 28.6

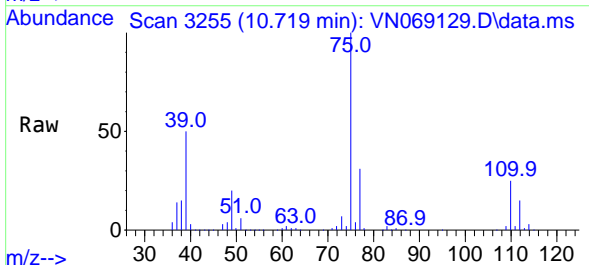
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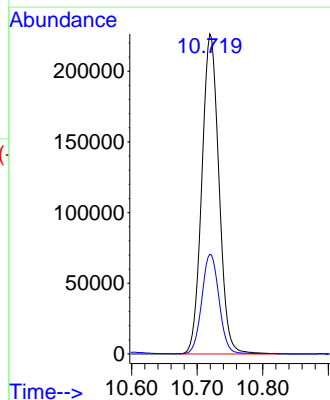
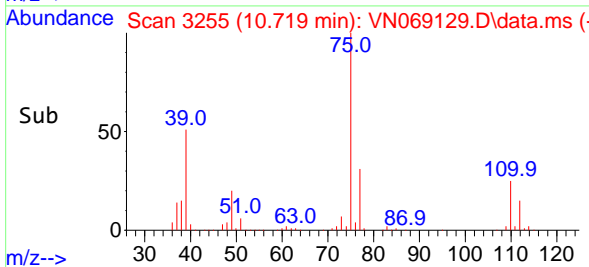
Reviewed By :John Carlone 10/25/2021  
 Supervised By :Mahesh Dadoda 10/25/2021

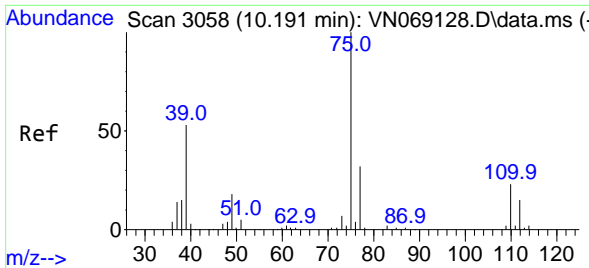


#48  
 t-1,3-Dichloropropene  
 Concen: 52.194 ug/l  
 RT: 10.719 min Scan# 3255  
 Delta R.T. 0.000 min  
 Lab File: VN069129.D  
 Acq: 22 Oct 2021 12:02



Tgt Ion: 75 Resp: 409688  
 Ion Ratio Lower Upper  
 75 100  
 77 31.1 25.3 37.9





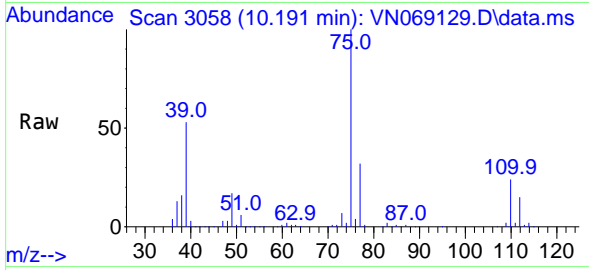
#49  
 cis-1,3-Dichloropropene  
 Concen: 53.405 ug/l  
 RT: 10.191 min Scan# 3058  
 Delta R.T. 0.000 min  
 Lab File: VN069129.D  
 Acq: 22 Oct 2021 12:02

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICC050

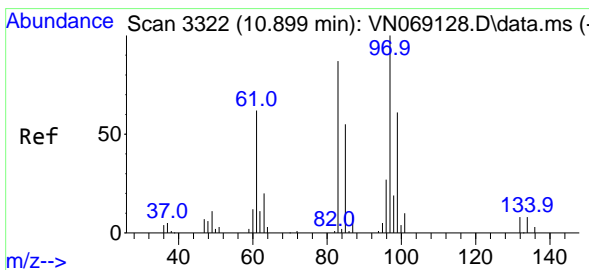
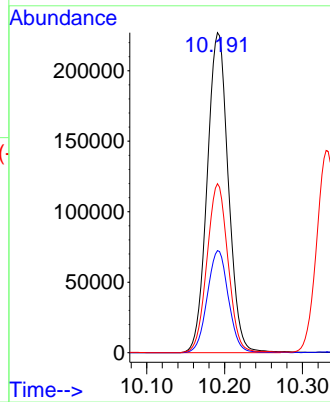
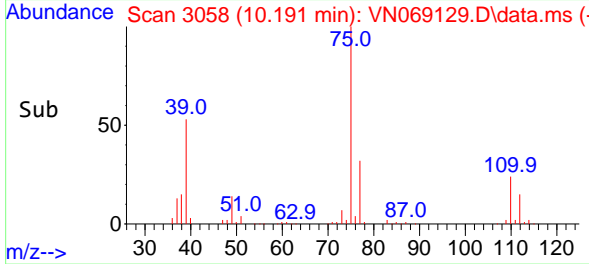


Tgt Ion: 75 Resp: 42869  
 Ion Ratio Lower Upper  
 75 100  
 77 31.9 25.3 37.9  
 39 52.8 46.2 69.4

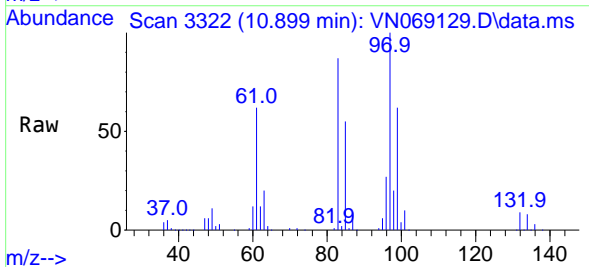
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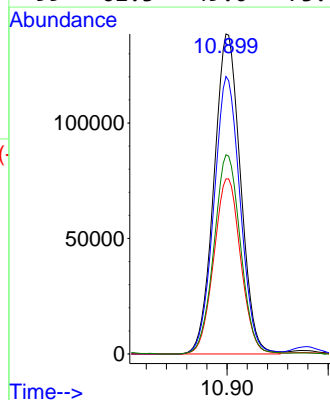
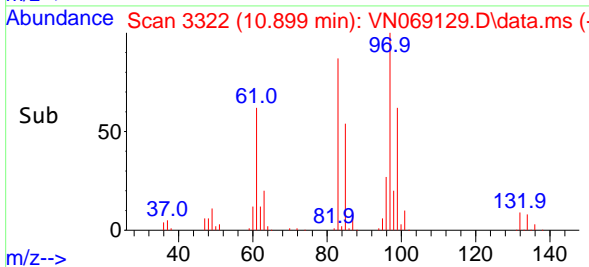
Reviewed By :John Carlone 10/25/2021  
 Supervised By :Mahesh Dadoda 10/25/2021

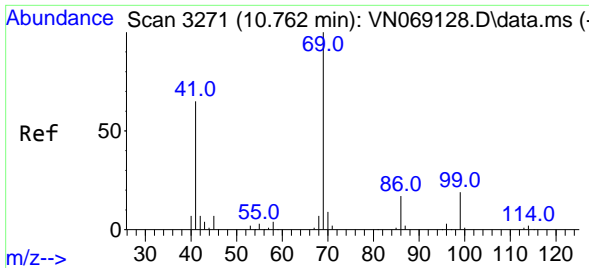


#50  
 1,1,2-Trichloroethane  
 Concen: 50.005 ug/l  
 RT: 10.899 min Scan# 3322  
 Delta R.T. -0.000 min  
 Lab File: VN069129.D  
 Acq: 22 Oct 2021 12:02



Tgt Ion: 97 Resp: 252387  
 Ion Ratio Lower Upper  
 97 100  
 83 86.7 67.2 100.8  
 85 54.7 43.0 64.4  
 99 62.3 49.0 73.4





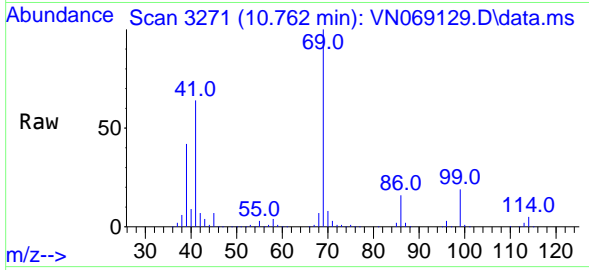
#51  
 Ethyl methacrylate  
 Concen: 53.946 ug/l  
 RT: 10.762 min Scan# 3271  
 Delta R.T. -0.000 min  
 Lab File: VN069129.D  
 Acq: 22 Oct 2021 12:02

Instrument :

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ClientSampleId :

VSTDICC050

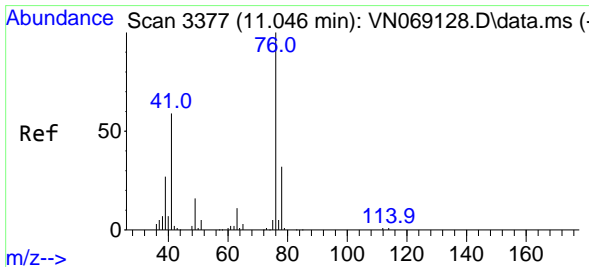
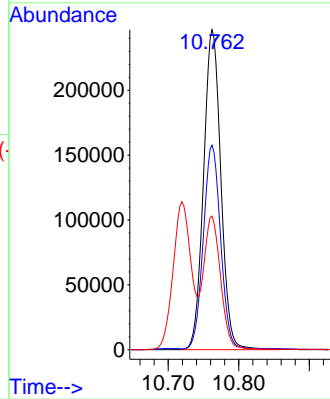
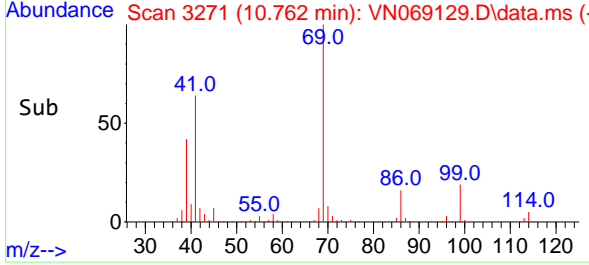


Tgt Ion: 69 Resp: 420530  
 Ion Ratio Lower Upper  
 69 100  
 41 63.6 33.0 98.9  
 39 41.6 25.4 76.4

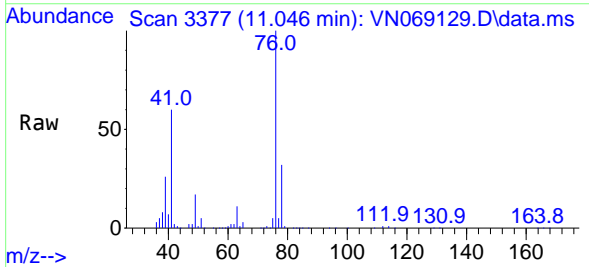
Manual Integrations

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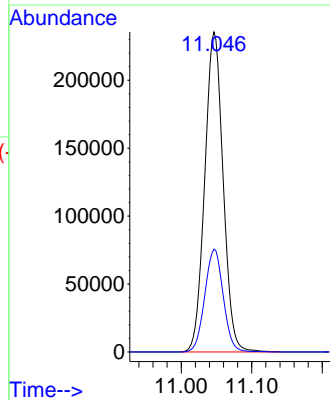
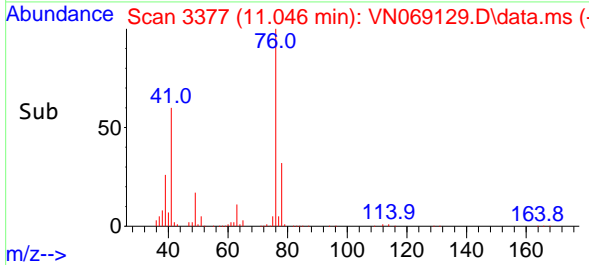
Reviewed By :John Carlone 10/25/2021  
 Supervised By :Mahesh Dadoda 10/25/2021

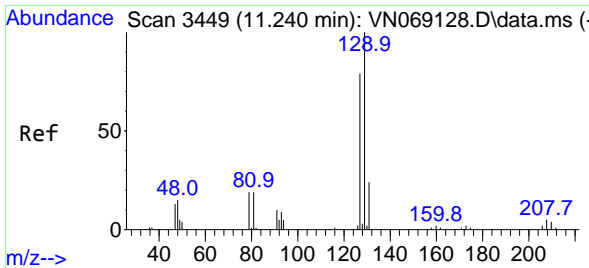


#52  
 1,3-Dichloropropane  
 Concen: 51.681 ug/l  
 RT: 11.046 min Scan# 3377  
 Delta R.T. 0.000 min  
 Lab File: VN069129.D  
 Acq: 22 Oct 2021 12:02



Tgt Ion: 76 Resp: 426523  
 Ion Ratio Lower Upper  
 76 100  
 78 32.3 0.0 65.4





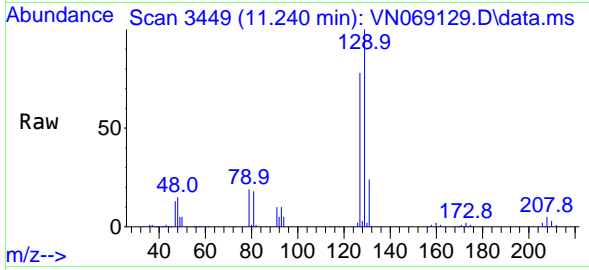
#53  
 Dibromochloromethane  
 Concen: 48.283 ug/l  
 RT: 11.240 min Scan# 3449  
 Delta R.T. 0.000 min  
 Lab File: VN069129.D  
 Acq: 22 Oct 2021 12:02

Instrument :

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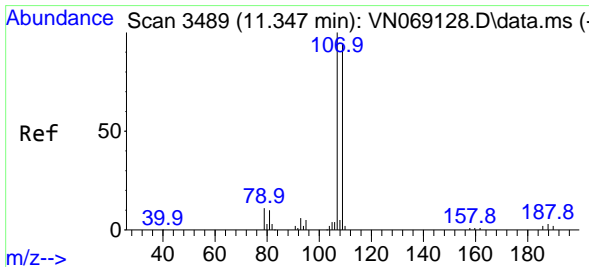
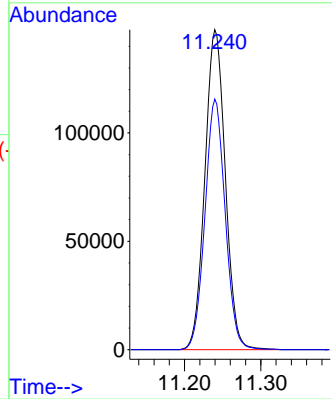
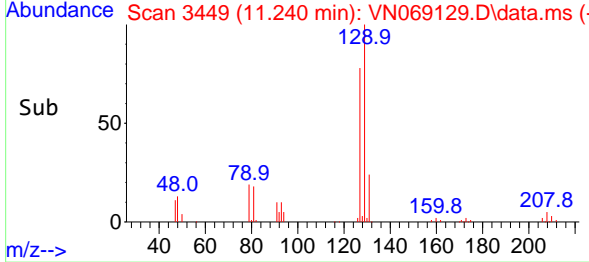


Tgt Ion:129 Resp: 27474  
 Ion Ratio Lower Upper  
 129 100  
 127 77.6 39.0 117.0

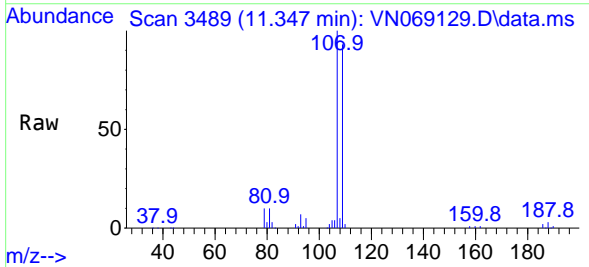
Manual Integrations

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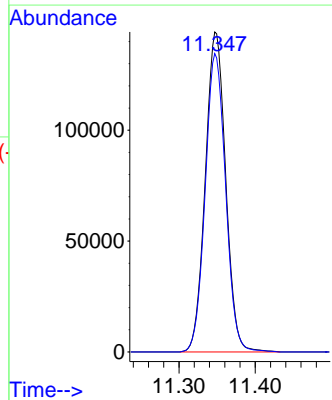
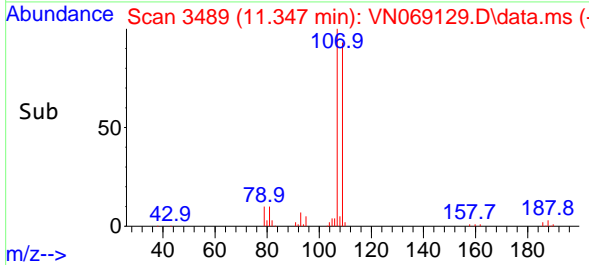
Reviewed By :John Carlone 10/25/2021  
 Supervised By :Mahesh Dadoda 10/25/2021

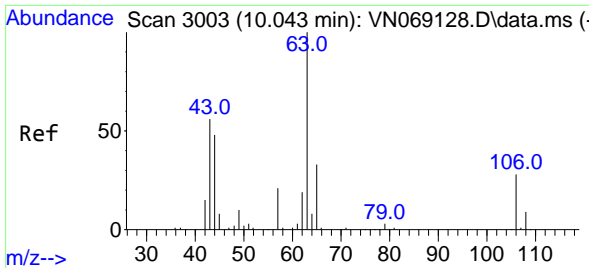


#54  
 1,2-Dibromoethane  
 Concen: 50.792 ug/l  
 RT: 11.347 min Scan# 3489  
 Delta R.T. -0.000 min  
 Lab File: VN069129.D  
 Acq: 22 Oct 2021 12:02



Tgt Ion:107 Resp: 268117  
 Ion Ratio Lower Upper  
 107 100  
 109 93.4 72.8 109.2





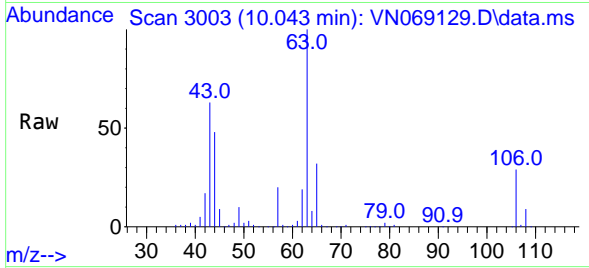
#55  
 2-Chloroethyl vinyl ether  
 Concen: 287.372 ug/l  
 RT: 10.043 min Scan# 3003  
 Delta R.T. -0.000 min  
 Lab File: VN069129.D  
 Acq: 22 Oct 2021 12:02

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC050



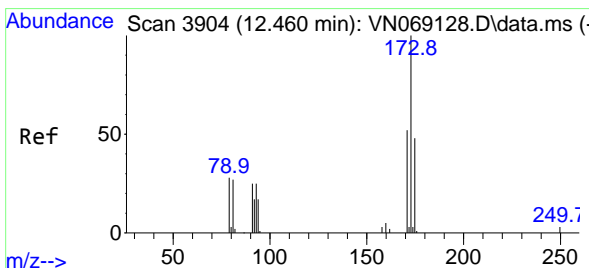
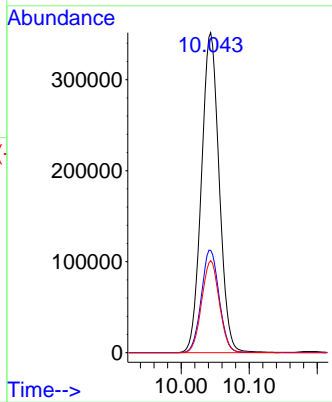
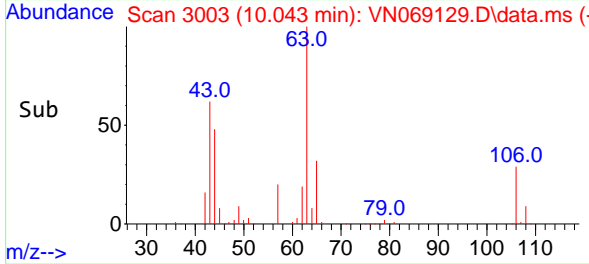
Tgt Ion: 63 Resp: 638072

Ion	Ratio	Lower	Upper
63	100		
65	32.2	25.4	38.0
106	28.6	23.2	34.8

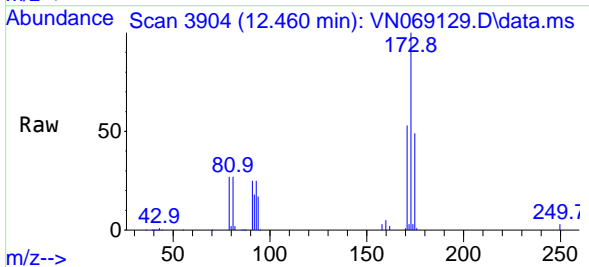
Manual Integrations

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Reviewed By :John Carlone 10/25/2021  
 Supervised By :Mahesh Dadoda 10/25/2021

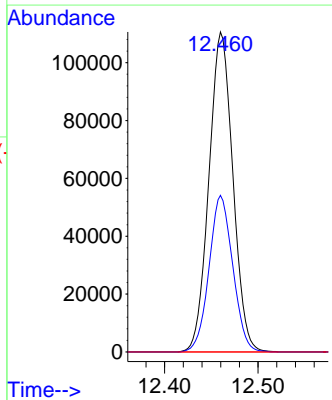
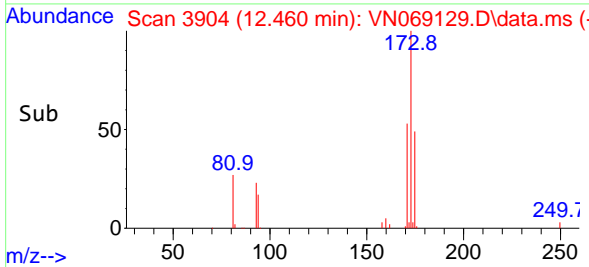


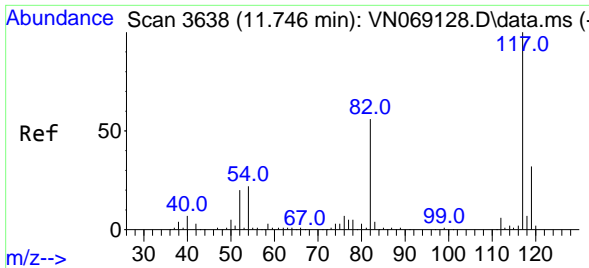
#56  
 Bromoform  
 Concen: 48.054 ug/l  
 RT: 12.460 min Scan# 3904  
 Delta R.T. -0.000 min  
 Lab File: VN069129.D  
 Acq: 22 Oct 2021 12:02



Tgt Ion:173 Resp: 197274

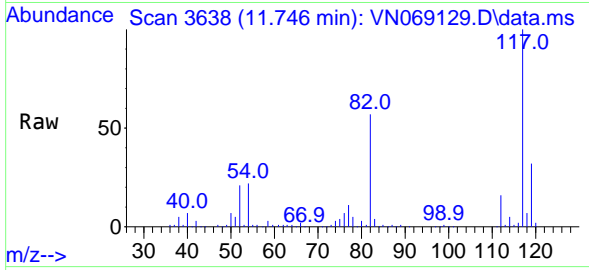
Ion	Ratio	Lower	Upper
173	100		
175	48.4	38.6	58.0
254	0.0	0.0	0.0





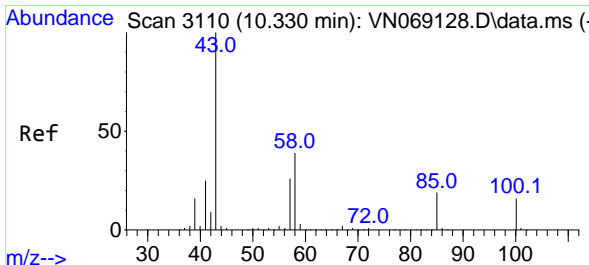
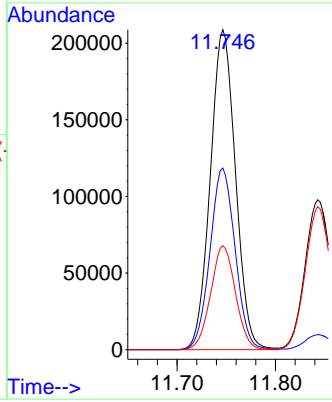
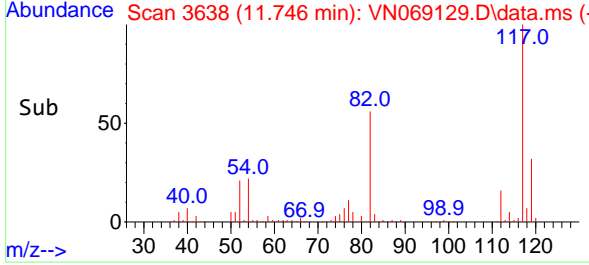
#57  
 Chlorobenzene-d5  
 Concen: 30.000 ug/l  
 RT: 11.746 min Scan# 3638  
 Delta R.T. -0.000 min  
 Lab File: VN069129.D  
 Acq: 22 Oct 2021 12:02

Instrument : MSVOA\_N  
 ClientSampleId : VSTDIC050

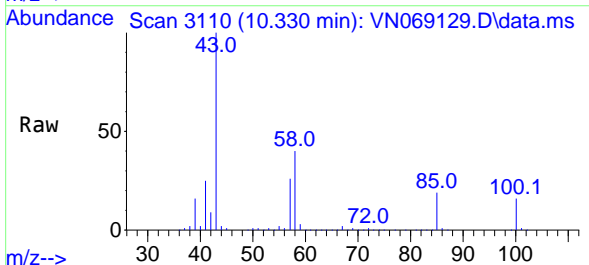


Tgt Ion: 117 Resp: 371180  
 Ion Ratio Lower Upper  
 117 100  
 82 56.8 43.6 65.4  
 119 32.1 25.8 38.6

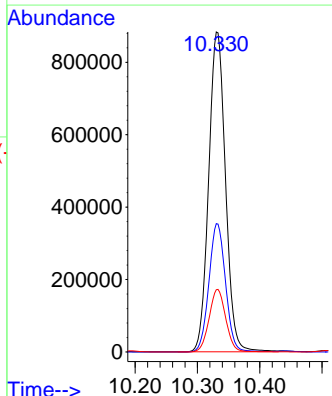
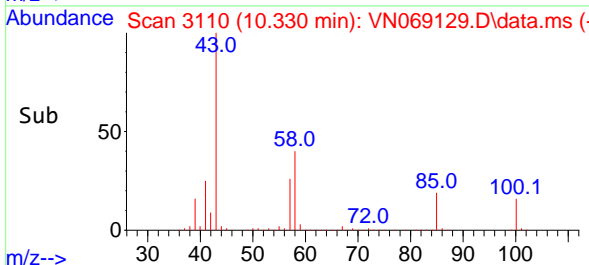
Manual Integrations  
**APPROVED**  
 Reviewed By :John Carlone 10/25/2021  
 Supervised By :Mahesh Dadoda 10/25/2021



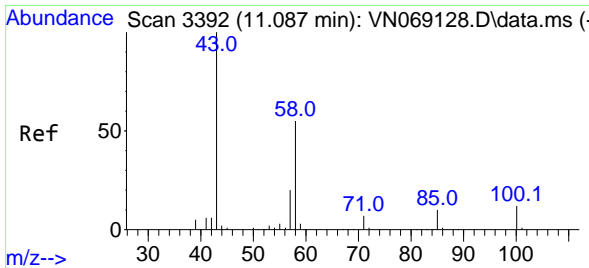
#58  
 4-Methyl-2-Pentanone  
 Concen: 260.370 ug/l  
 RT: 10.330 min Scan# 3110  
 Delta R.T. -0.000 min  
 Lab File: VN069129.D  
 Acq: 22 Oct 2021 12:02



Tgt Ion: 43 Resp: 1657428  
 Ion Ratio Lower Upper  
 43 100  
 58 39.7 30.0 45.0  
 85 19.3 15.0 22.6







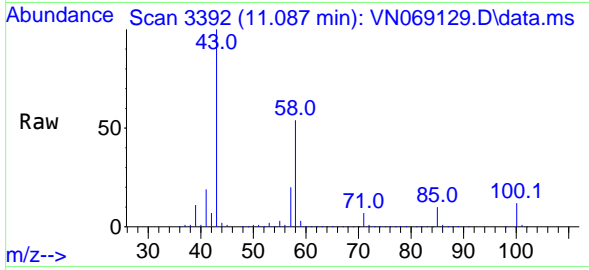
#59  
 2-Hexanone  
 Concen: 269.539 ug/l  
 RT: 11.087 min Scan# 31  
 Delta R.T. -0.000 min  
 Lab File: VN069129.D  
 Acq: 22 Oct 2021 12:02

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC050



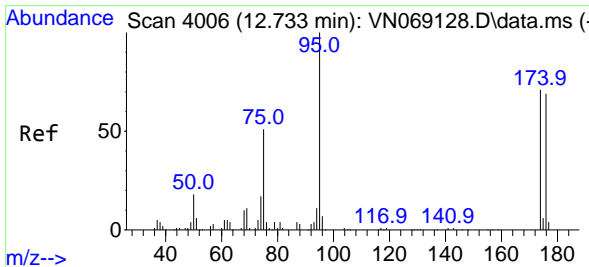
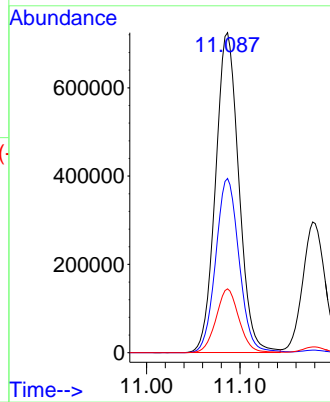
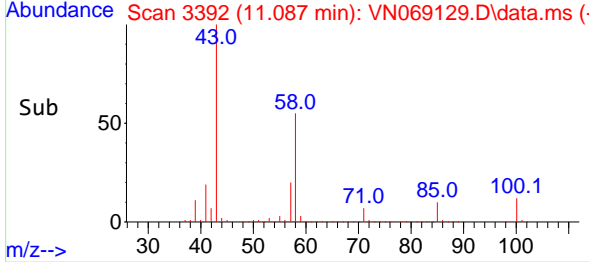
Tgt Ion: 43 Resp: 1256990  
 Ion Ratio Lower Upper  
 43 100  
 58 54.8 42.2 63.2  
 57 19.7 15.0 22.4

Manual Integrations

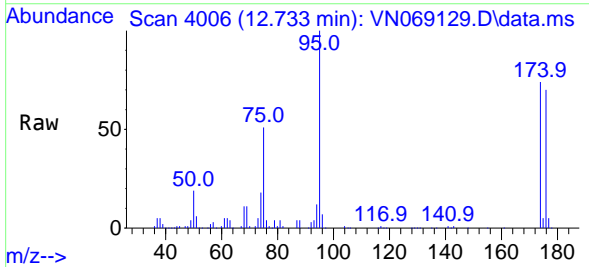
APPROVED

Reviewed By :John Carlone 10/25/2021

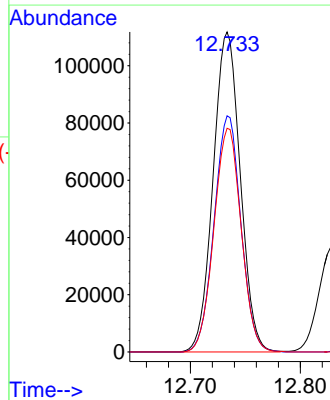
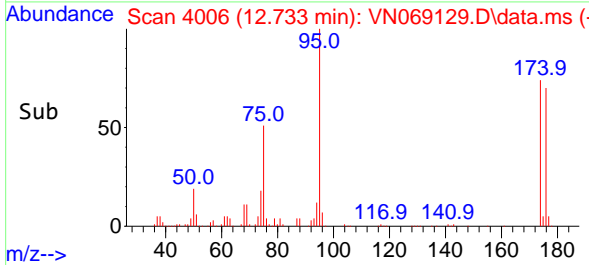
Supervised By :Mahesh Dadoda 10/25/2021

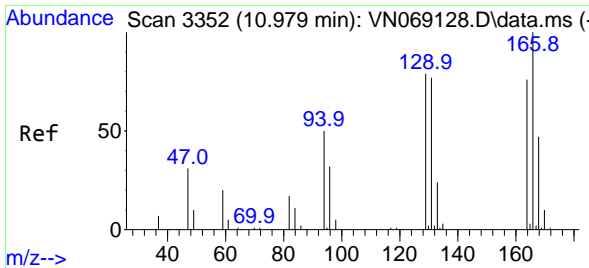


#60  
 4-Bromofluorobenzene  
 Concen: 32.175 ug/l  
 RT: 12.733 min Scan# 4006  
 Delta R.T. -0.000 min  
 Lab File: VN069129.D  
 Acq: 22 Oct 2021 12:02



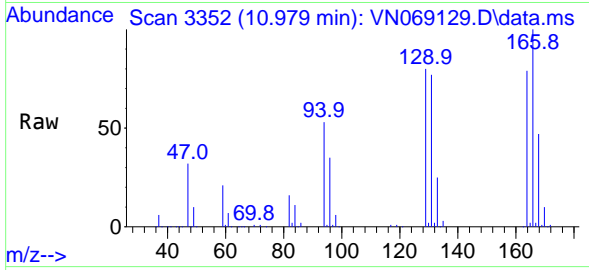
Tgt Ion: 95 Resp: 191563  
 Ion Ratio Lower Upper  
 95 100  
 174 73.1 62.9 94.3  
 176 70.4 61.0 91.4





#61  
 Tetrachloroethene  
 Concen: 49.411 ug/l  
 RT: 10.979 min Scan# 311  
 Delta R.T. 0.000 min  
 Lab File: VN069129.D  
 Acq: 22 Oct 2021 12:02

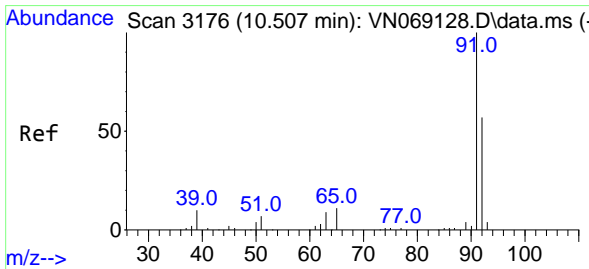
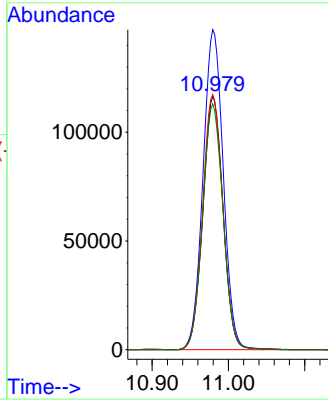
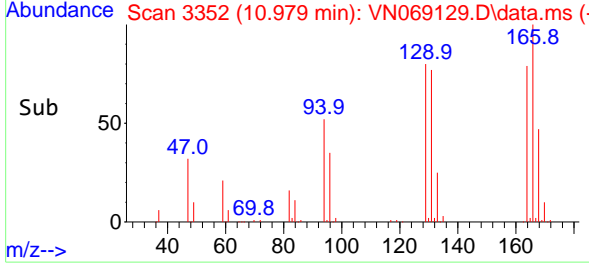
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC050



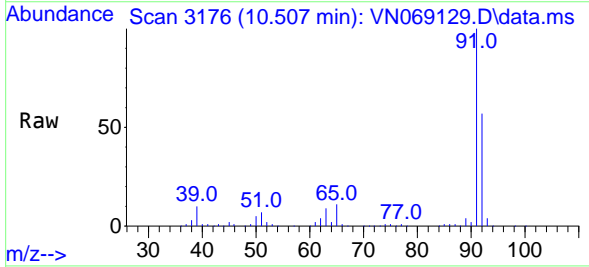
Tgt Ion:164 Resp: 21434  
 Ion Ratio Lower Upper  
 164 100  
 166 126.3 105.8 158.8  
 129 100.7 82.5 123.7  
 131 97.0 81.2 121.8

Manual Integrations  
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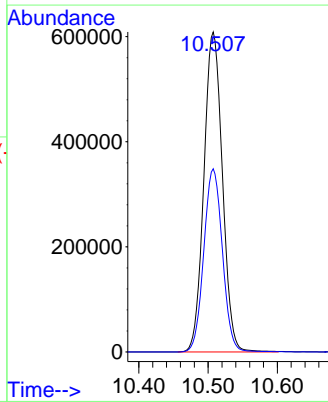
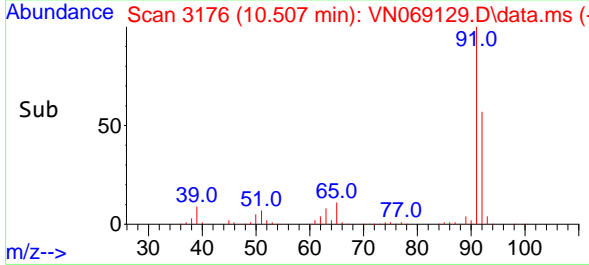
Reviewed By :John Carlone 10/25/2021  
 Supervised By :Mahesh Dadoda 10/25/2021

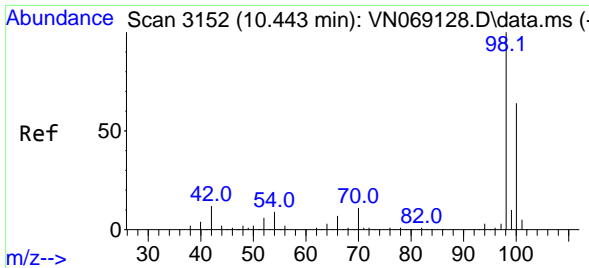


#62  
 Toluene  
 Concen: 50.581 ug/l  
 RT: 10.507 min Scan# 3176  
 Delta R.T. -0.000 min  
 Lab File: VN069129.D  
 Acq: 22 Oct 2021 12:02



Tgt Ion: 91 Resp: 1132540  
 Ion Ratio Lower Upper  
 91 100  
 92 57.5 44.6 67.0





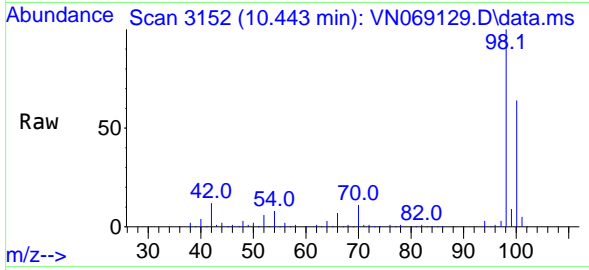
#63  
 Toluene-d8  
 Concen: 30.019 ug/l  
 RT: 10.443 min Scan# 3152  
 Delta R.T. 0.000 min  
 Lab File: VN069129.D  
 Acq: 22 Oct 2021 12:02

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC050

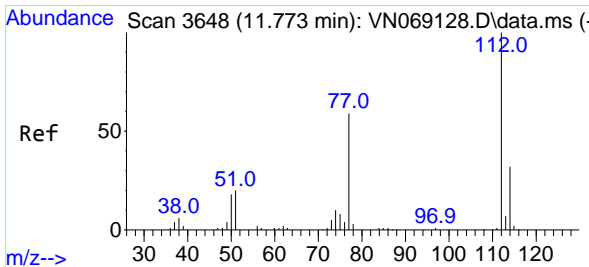
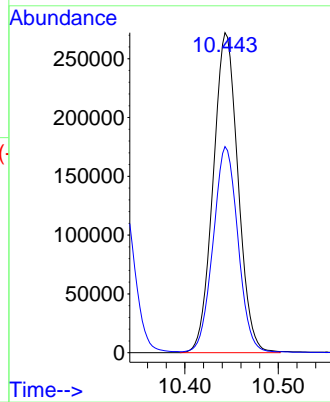
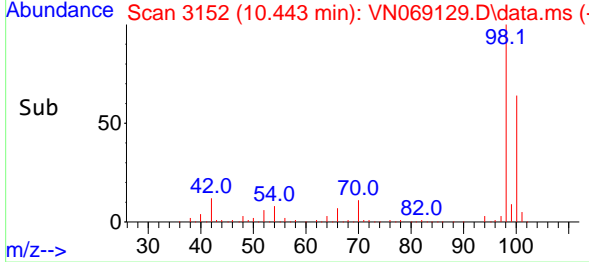


Tgt Ion: 98 Resp: 50359  
 Ion Ratio Lower Upper  
 98 100  
 100 64.4 50.6 76.0

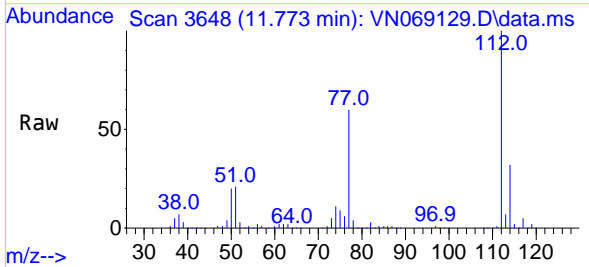
Manual Integrations

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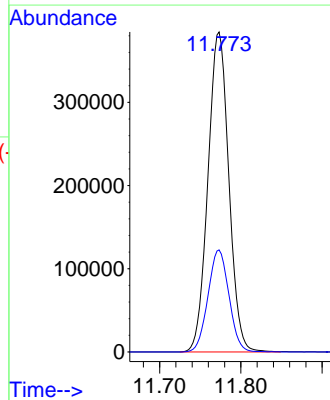
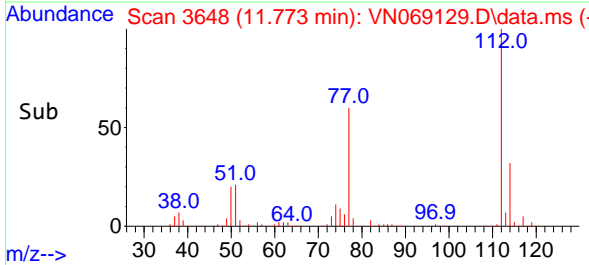
Reviewed By :John Carlone 10/25/2021  
 Supervised By :Mahesh Dadoda 10/25/2021

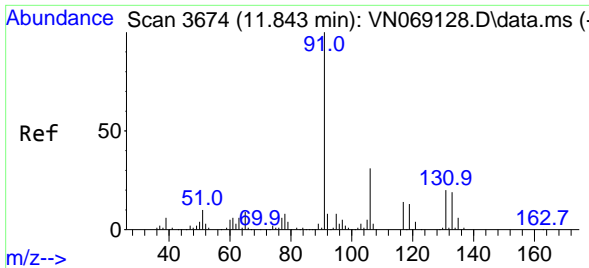


#64  
 Chlorobenzene  
 Concen: 50.002 ug/l  
 RT: 11.773 min Scan# 3648  
 Delta R.T. -0.000 min  
 Lab File: VN069129.D  
 Acq: 22 Oct 2021 12:02



Tgt Ion:112 Resp: 685810  
 Ion Ratio Lower Upper  
 112 100  
 114 31.9 25.8 38.6





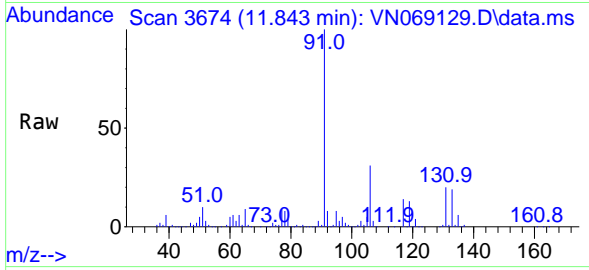
#65  
 1,1,1,2-Tetrachloroethane  
 Concen: 49.232 ug/l  
 RT: 11.843 min Scan# 3674  
 Delta R.T. -0.000 min  
 Lab File: VN069129.D  
 Acq: 22 Oct 2021 12:02

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC050

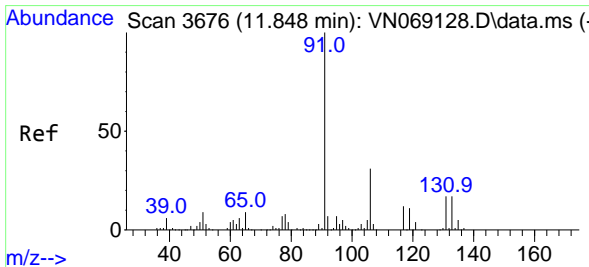
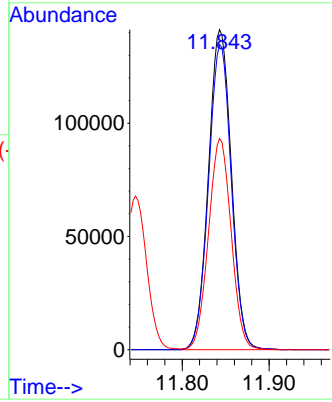
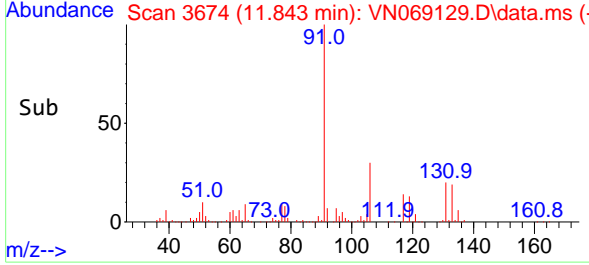


Tgt Ion:131 Resp: 259364  
 Ion Ratio Lower Upper  
 131 100  
 133 94.6 0.0 191.2  
 119 65.2 0.0 128.8

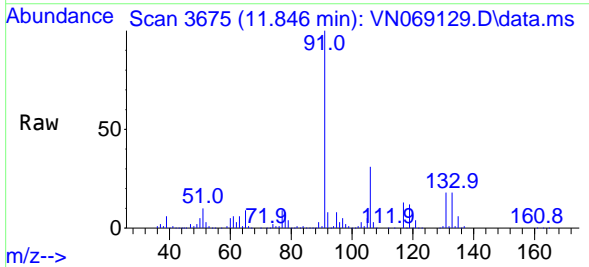
Manual Integrations

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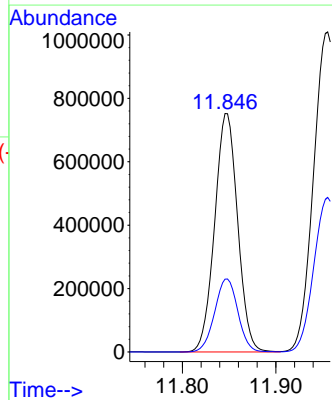
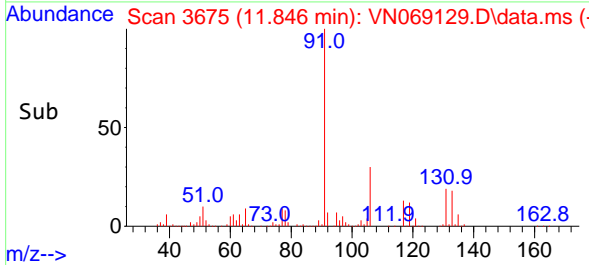
Reviewed By :John Carlone 10/25/2021  
 Supervised By :Mahesh Dadoda 10/25/2021

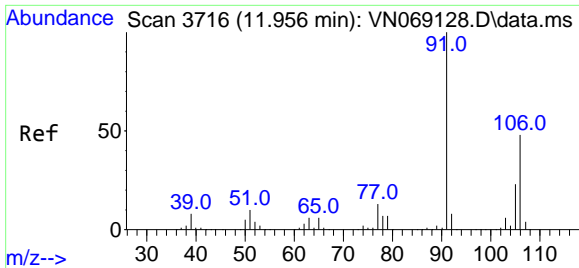


#66  
 Ethyl Benzene  
 Concen: 50.842 ug/l  
 RT: 11.846 min Scan# 3675  
 Delta R.T. -0.003 min  
 Lab File: VN069129.D  
 Acq: 22 Oct 2021 12:02



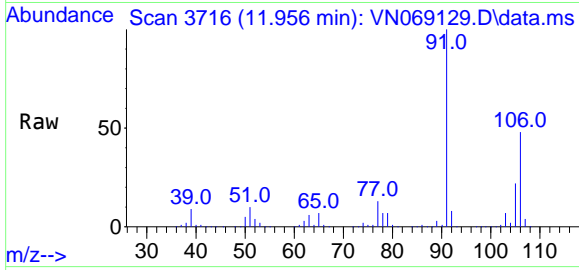
Tgt Ion: 91 Resp: 1285486  
 Ion Ratio Lower Upper  
 91 100  
 106 30.5 24.0 36.0





#67  
 m/p-Xylenes  
 Concen: 98.939 ug/l  
 RT: 11.956 min Scan# 31  
 Delta R.T. 0.000 min  
 Lab File: VN069129.D  
 Acq: 22 Oct 2021 12:02

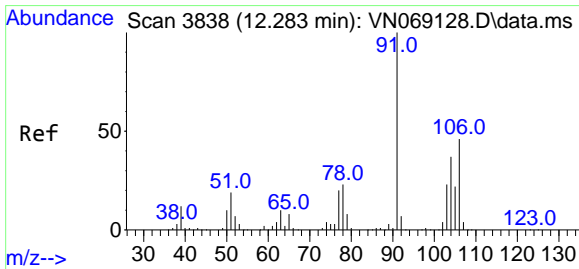
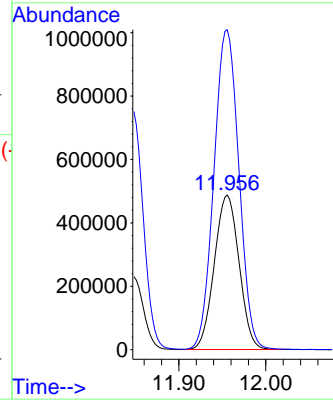
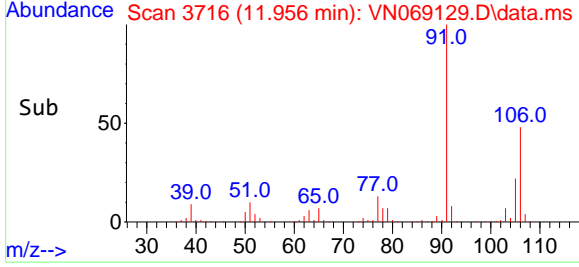
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC050



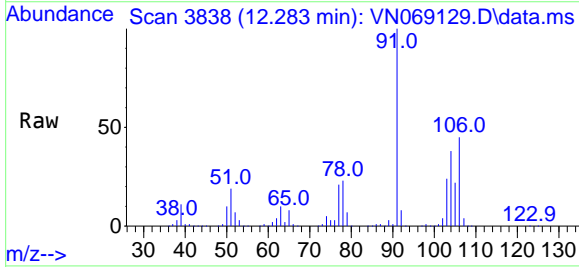
Tgt Ion:106 Resp: 963634  
 Ion Ratio Lower Upper  
 106 100  
 91 208.9 162.9 244.3

Manual Integrations  
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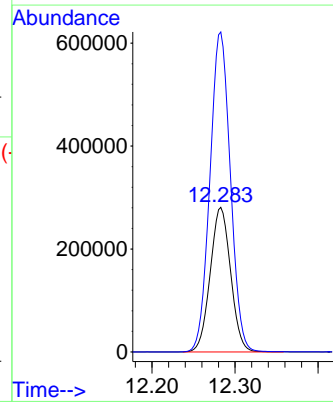
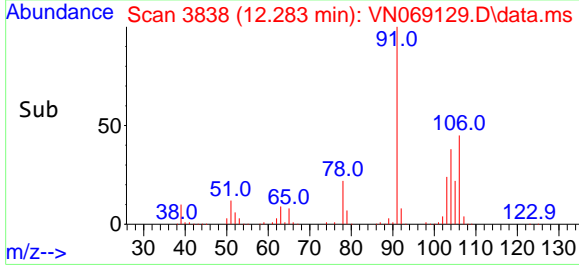
Reviewed By :John Carlone 10/25/2021  
 Supervised By :Mahesh Dadoda 10/25/2021

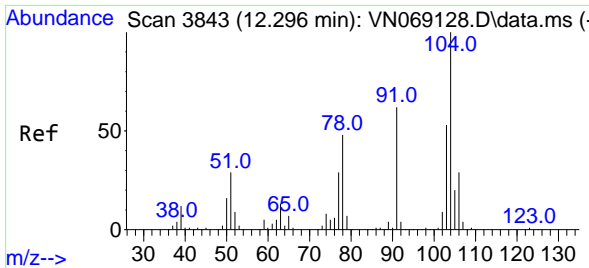


#68  
 o-Xylene  
 Concen: 49.921 ug/l  
 RT: 12.283 min Scan# 3838  
 Delta R.T. 0.000 min  
 Lab File: VN069129.D  
 Acq: 22 Oct 2021 12:02



Tgt Ion:106 Resp: 479470  
 Ion Ratio Lower Upper  
 106 100  
 91 221.8 107.7 323.1





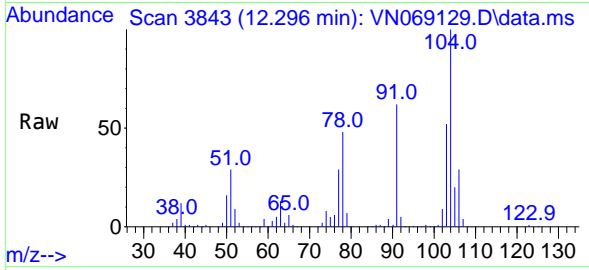
#69  
 Styrene  
 Concen: 50.692 ug/l  
 RT: 12.296 min Scan# 3843  
 Delta R.T. -0.000 min  
 Lab File: VN069129.D  
 Acq: 22 Oct 2021 12:02

Instrument :

MSVOA\_N

Client Sample Id :

VSTDIC050

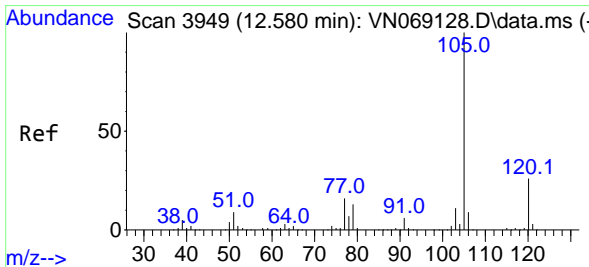
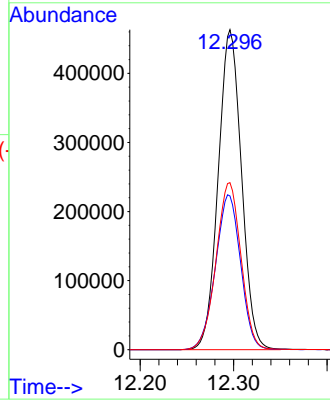
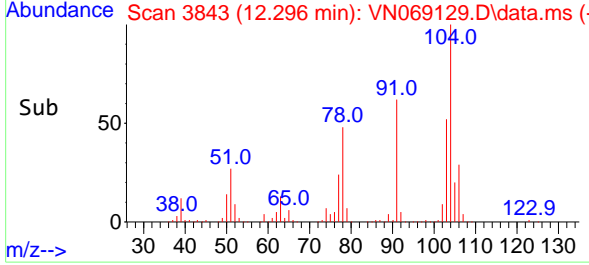


Tgt Ion:104 Resp: 80364  
 Ion Ratio Lower Upper  
 104 100  
 78 52.2 40.7 61.1  
 103 55.9 45.8 68.8

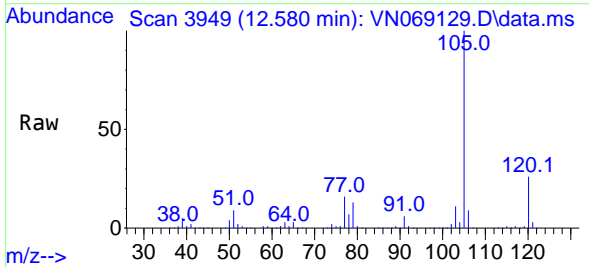
Manual Integrations

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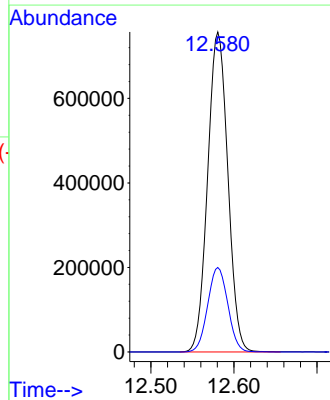
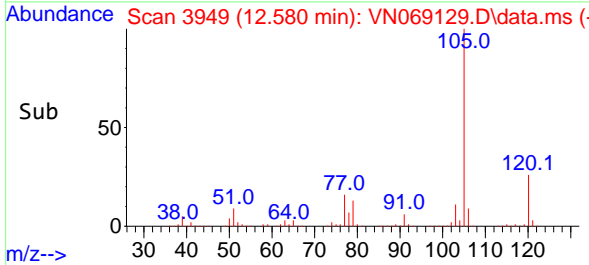
Reviewed By :John Carlone 10/25/2021  
 Supervised By :Mahesh Dadoda 10/25/2021

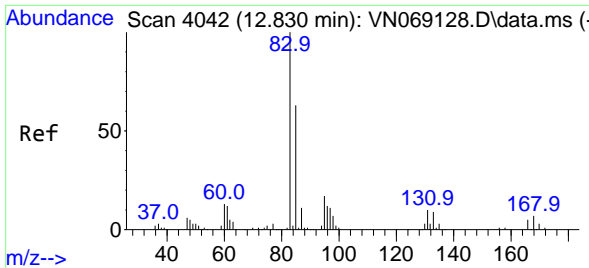


#70  
 Isopropylbenzene  
 Concen: 50.218 ug/l  
 RT: 12.580 min Scan# 3949  
 Delta R.T. 0.000 min  
 Lab File: VN069129.D  
 Acq: 22 Oct 2021 12:02



Tgt Ion:105 Resp: 1275805  
 Ion Ratio Lower Upper  
 105 100  
 120 26.4 18.3 34.1





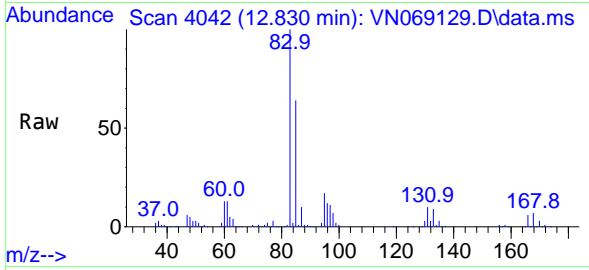
#71  
 1,1,2,2-Tetrachloroethane  
 Concen: 51.833 ug/l  
 RT: 12.830 min Scan# 4042  
 Delta R.T. -0.000 min  
 Lab File: VN069129.D  
 Acq: 22 Oct 2021 12:02

Instrument :

MSVOA\_N

Client Sample Id :

VSTDICC050



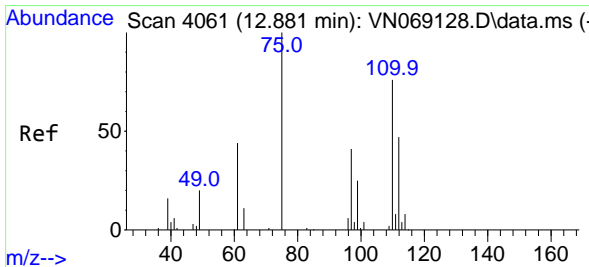
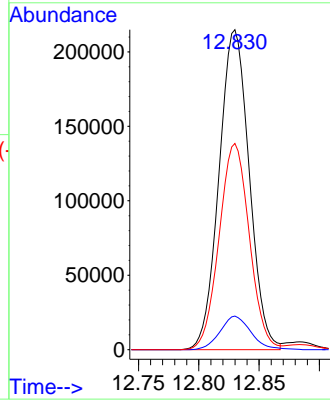
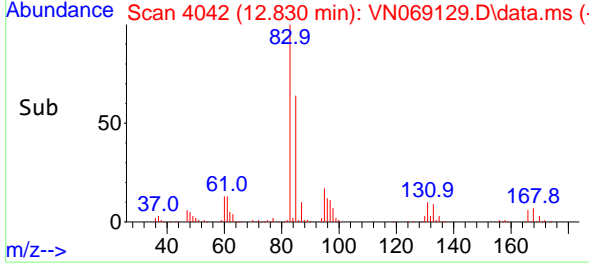
Tgt Ion: 83 Resp: 374368  
 Ion Ratio Lower Upper  
 83 100  
 131 10.7 5.1 15.3  
 85 64.6 33.1 99.2

Manual Integrations

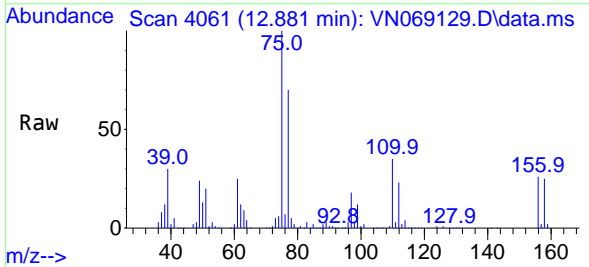
APPROVED

Reviewed By :John Carlone 10/25/2021

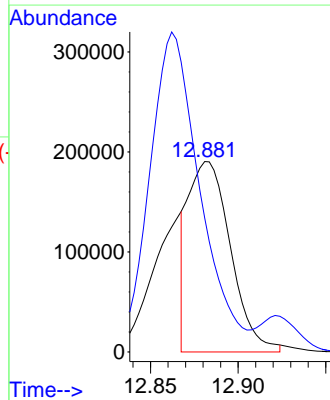
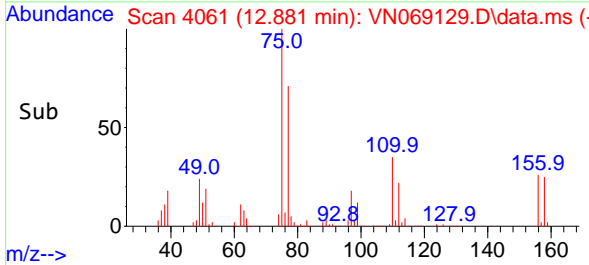
Supervised By :Mahesh Dadoda 10/25/2021

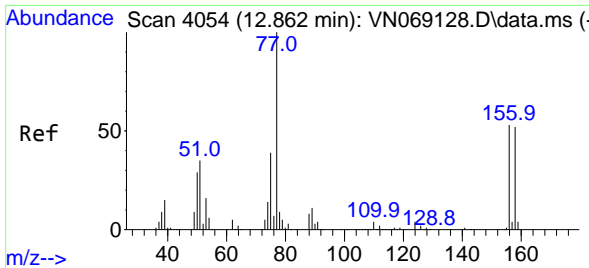


#72  
 1,2,3-Trichloropropane  
 Concen: 53.932 ug/l m  
 RT: 12.881 min Scan# 4061  
 Delta R.T. 0.000 min  
 Lab File: VN069129.D  
 Acq: 22 Oct 2021 12:02



Tgt Ion: 75 Resp: 319947  
 Ion Ratio Lower Upper  
 75 100  
 77 199.1 0.0 378.0





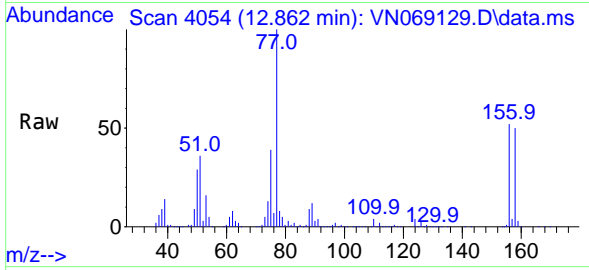
#73  
 Bromobenzene  
 Concen: 50.198 ug/l  
 RT: 12.862 min Scan# 4054  
 Delta R.T. -0.000 min  
 Lab File: VN069129.D  
 Acq: 22 Oct 2021 12:02

Instrument :

MSVOA\_N

Client Sample Id :

VSTDIC050

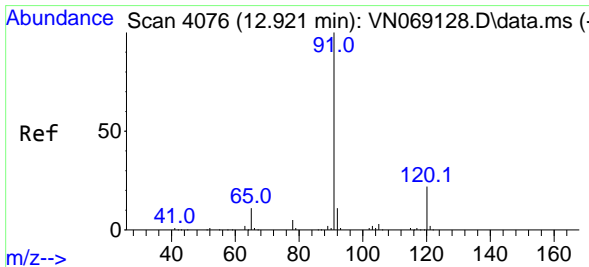
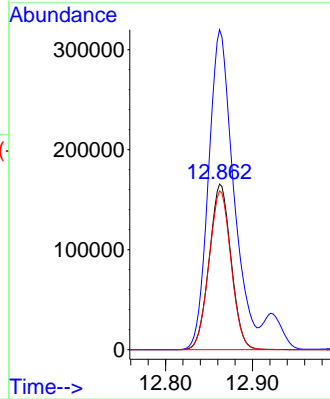
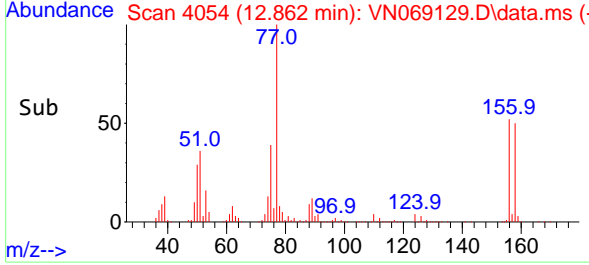


Tgt Ion:156 Resp: 289514  
 Ion Ratio Lower Upper  
 156 100  
 77 220.0 0.0 416.0  
 158 96.6 0.0 195.4

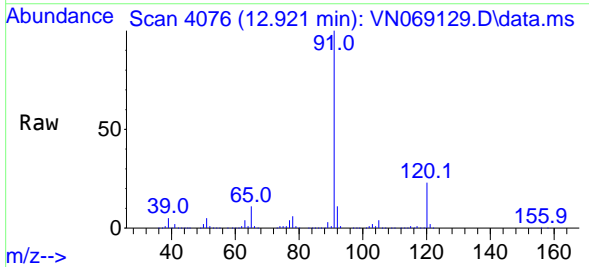
Manual Integrations

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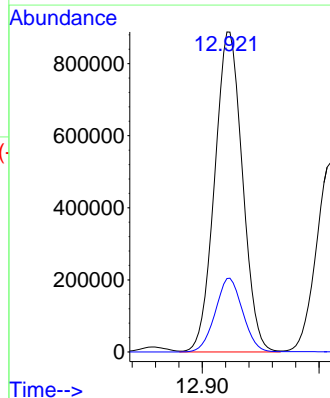
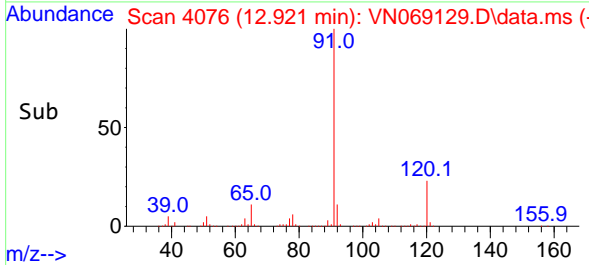
Reviewed By :John Carlone 10/25/2021  
 Supervised By :Mahesh Dadoda 10/25/2021



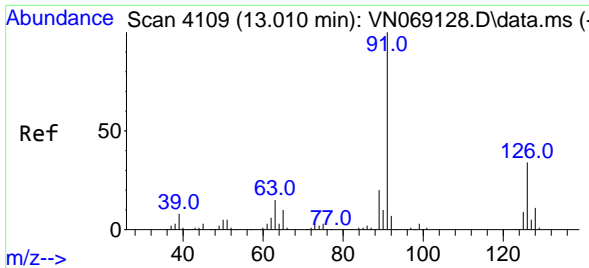
#74  
 n-propylbenzene  
 Concen: 50.422 ug/l  
 RT: 12.921 min Scan# 4076  
 Delta R.T. -0.000 min  
 Lab File: VN069129.D  
 Acq: 22 Oct 2021 12:02



Tgt Ion: 91 Resp: 1464925  
 Ion Ratio Lower Upper  
 91 100  
 120 22.7 0.0 45.0







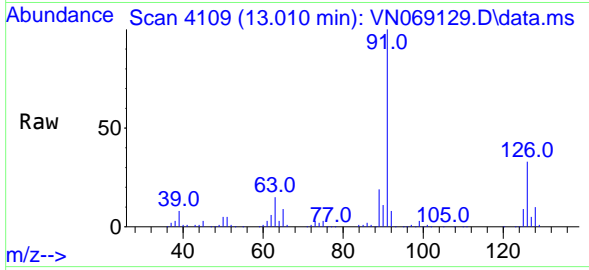
#75  
 2-Chlorotoluene  
 Concen: 51.600 ug/l  
 RT: 13.010 min Scan# 4109  
 Delta R.T. 0.000 min  
 Lab File: VN069129.D  
 Acq: 22 Oct 2021 12:02

Instrument :

MSVOA\_N

Client SampleId :

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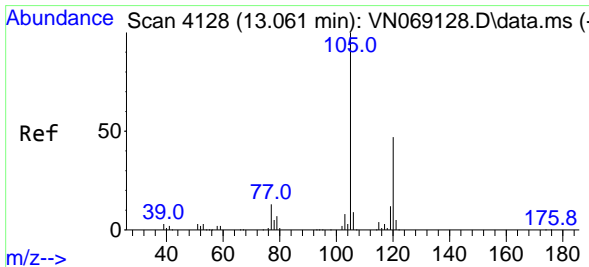
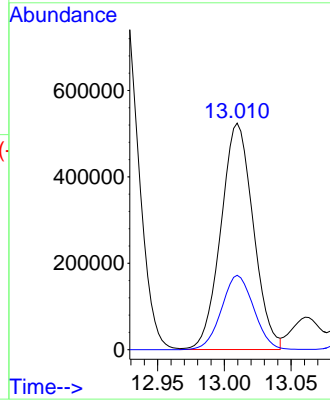
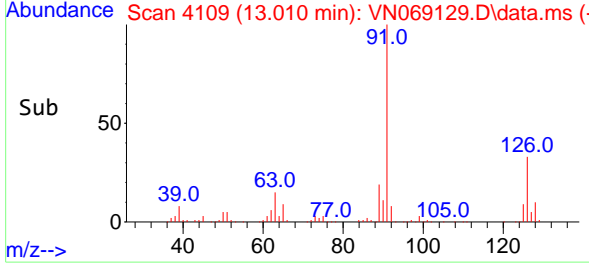


Tgt Ion: 91 Resp: 886062  
 Ion Ratio Lower Upper  
 91 100  
 126 32.8 0.0 69.8

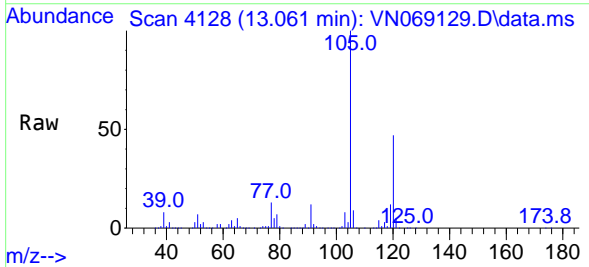
Manual Integrations

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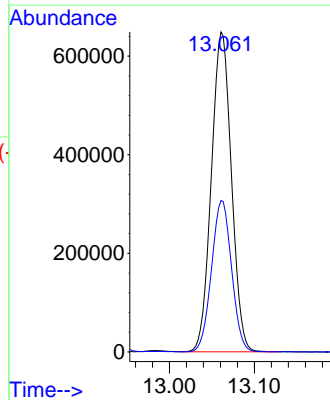
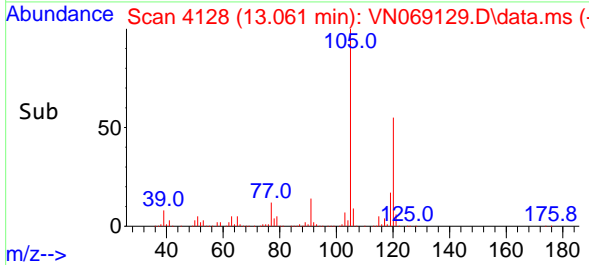
Reviewed By :John Carlone 10/25/2021  
 Supervised By :Mahesh Dadoda 10/25/2021

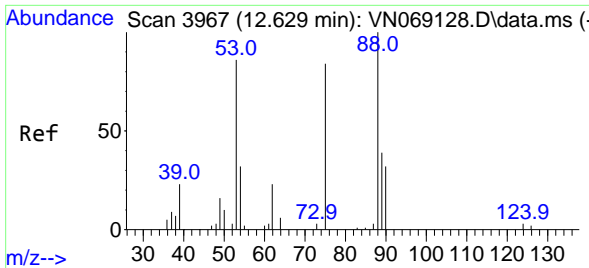


#76  
 1,3,5-Trimethylbenzene  
 Concen: 50.675 ug/l  
 RT: 13.061 min Scan# 4128  
 Delta R.T. -0.000 min  
 Lab File: VN069129.D  
 Acq: 22 Oct 2021 12:02



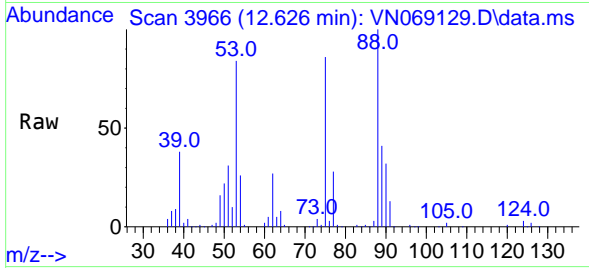
Tgt Ion:105 Resp: 1062970  
 Ion Ratio Lower Upper  
 105 100  
 120 47.3 0.0 93.8





#77  
 t-1,4-Dichloro-2-butene  
 Concen: 56.239 ug/l  
 RT: 12.626 min Scan# 3967  
 Delta R.T. -0.003 min  
 Lab File: VN069129.D  
 Acq: 22 Oct 2021 12:02

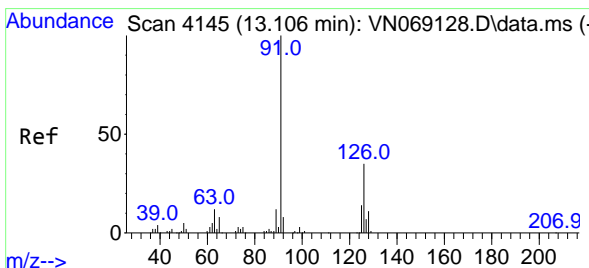
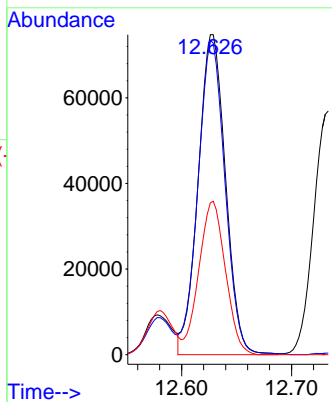
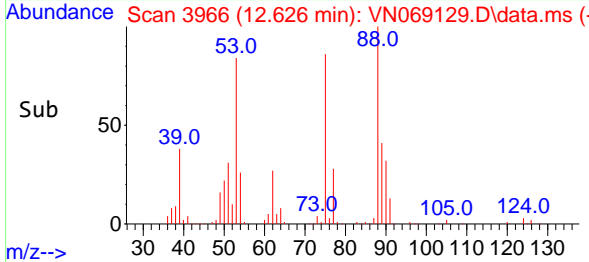
Instrument : MSVOA\_N  
 ClientSampleId : VSTDIC050



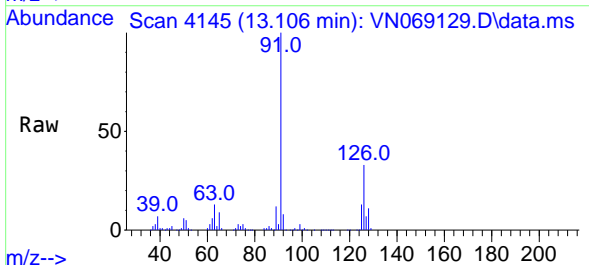
Tgt Ion: 75 Resp: 129294  
 Ion Ratio Lower Upper  
 75 100  
 53 98.2 51.8 155.5  
 89 47.6 22.9 68.7

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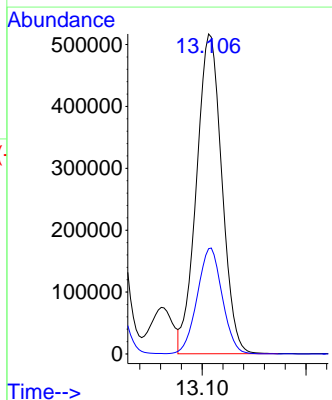
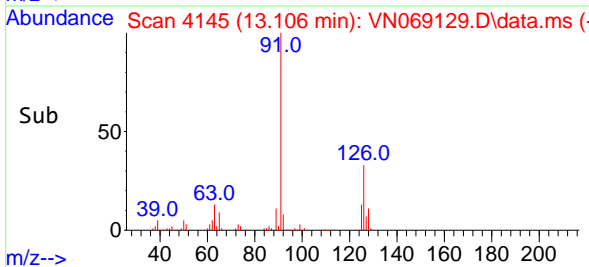
Reviewed By :John Carlone 10/25/2021  
 Supervised By :Mahesh Dadoda 10/25/2021

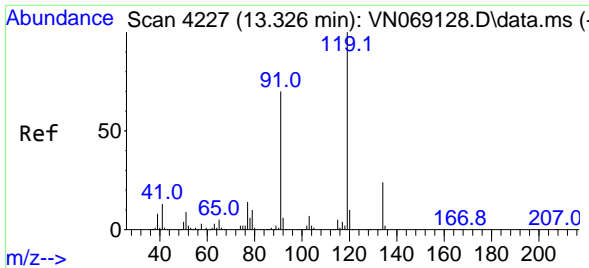


#78  
 4-Chlorotoluene  
 Concen: 51.736 ug/l  
 RT: 13.106 min Scan# 4145  
 Delta R.T. 0.000 min  
 Lab File: VN069129.D  
 Acq: 22 Oct 2021 12:02



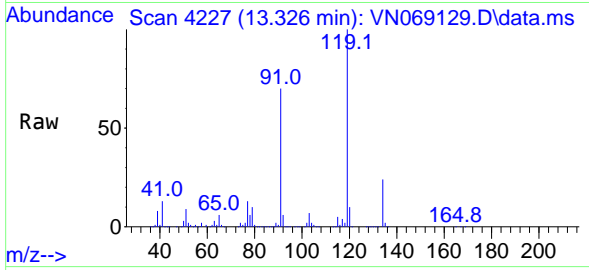
Tgt Ion: 91 Resp: 873861  
 Ion Ratio Lower Upper  
 91 100  
 126 32.8 0.0 70.6





#79  
 tert-butylbenzene  
 Concen: 50.047 ug/l  
 RT: 13.326 min Scan# 4227  
 Delta R.T. -0.000 min  
 Lab File: VN069129.D  
 Acq: 22 Oct 2021 12:02

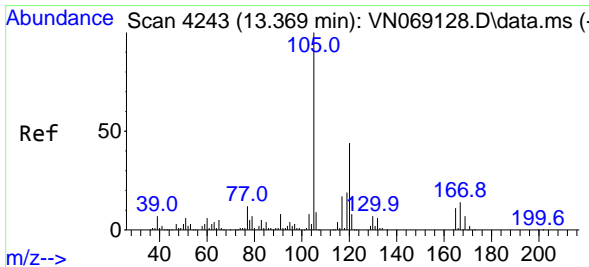
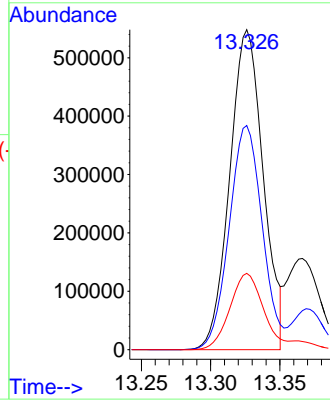
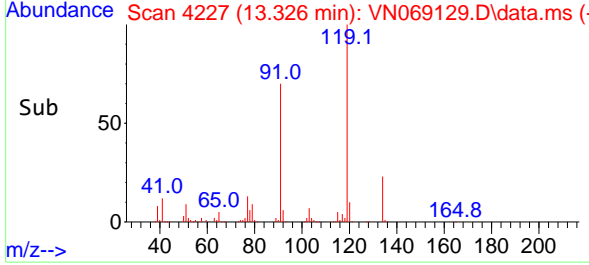
Instrument : MSVOA\_N  
 ClientSampleId : VSTDIC050



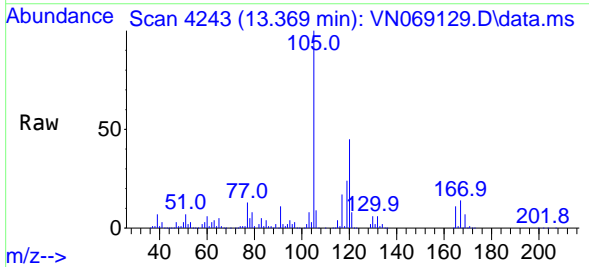
Tgt Ion:119 Resp: 92300  
 Ion Ratio Lower Upper  
 119 100  
 91 69.4 0.0 137.0  
 134 23.9 0.0 47.6

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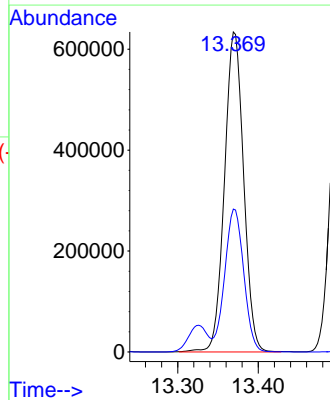
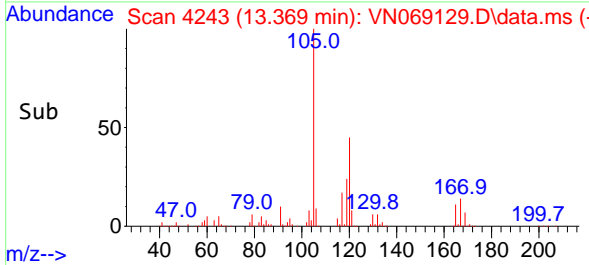
Reviewed By :John Carlone 10/25/2021  
 Supervised By :Mahesh Dadoda 10/25/2021

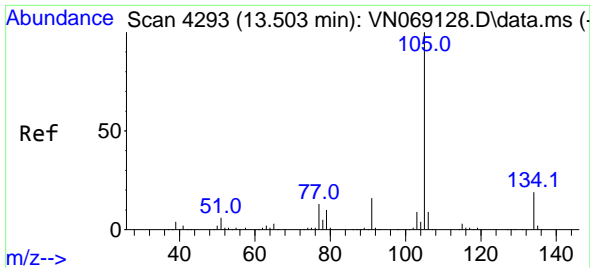


#80  
 1,2,4-Trimethylbenzene  
 Concen: 50.315 ug/l m  
 RT: 13.369 min Scan# 4243  
 Delta R.T. 0.000 min  
 Lab File: VN069129.D  
 Acq: 22 Oct 2021 12:02



Tgt Ion:105 Resp: 1045547  
 Ion Ratio Lower Upper  
 105 100  
 120 0.2 0.0 0.2





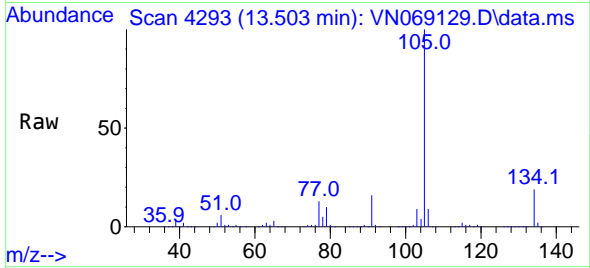
#81  
 sec-Butylbenzene  
 Concen: 49.660 ug/l  
 RT: 13.503 min Scan# 4293  
 Delta R.T. 0.000 min  
 Lab File: VN069129.D  
 Acq: 22 Oct 2021 12:02

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC050

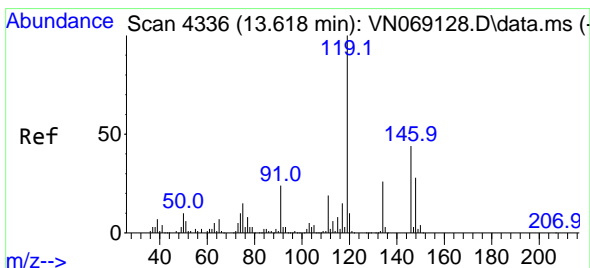
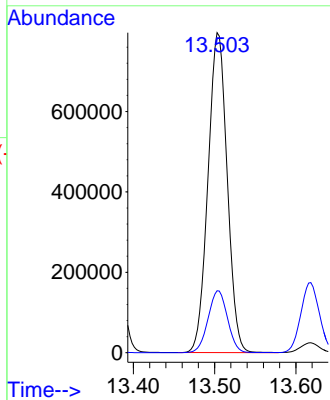
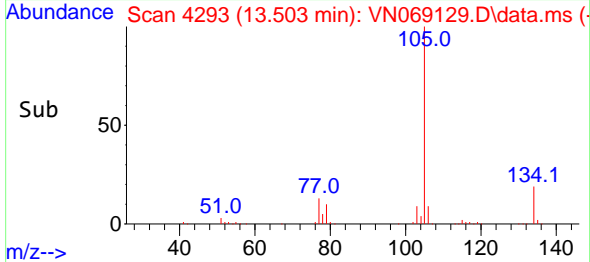


Tgt Ion:105 Resp: 130376  
 Ion Ratio Lower Upper  
 105 100  
 134 19.6 0.0 39.4

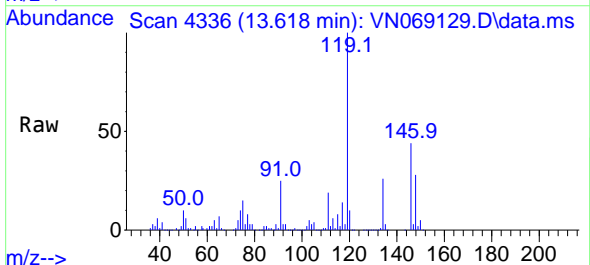
Manual Integrations

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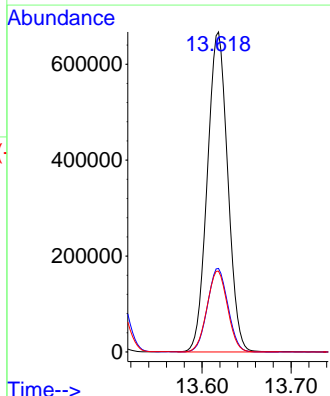
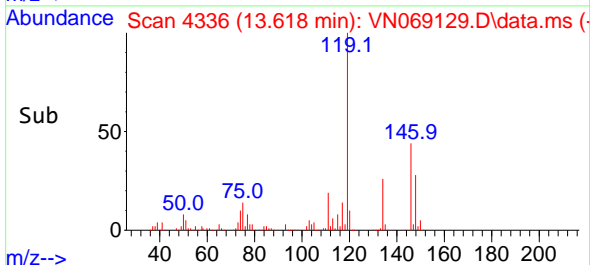
Reviewed By :John Carlone 10/25/2021  
 Supervised By :Mahesh Dadoda 10/25/2021

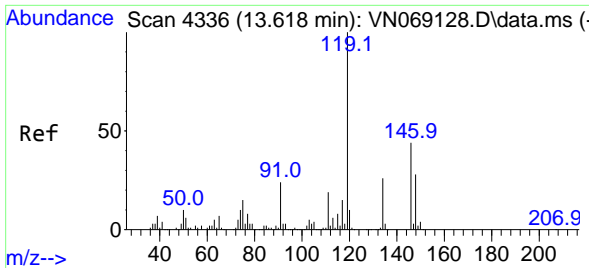


#82  
 p-Isopropyltoluene  
 Concen: 49.012 ug/l  
 RT: 13.618 min Scan# 4336  
 Delta R.T. -0.000 min  
 Lab File: VN069129.D  
 Acq: 22 Oct 2021 12:02



Tgt Ion:119 Resp: 1062458  
 Ion Ratio Lower Upper  
 119 100  
 134 26.2 0.0 51.8  
 91 25.3 0.0 50.4





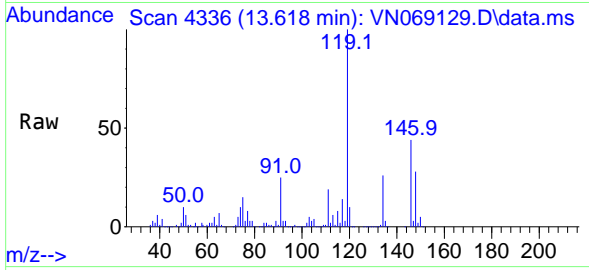
#83  
 1,3-Dichlorobenzene  
 Concen: 47.929 ug/l  
 RT: 13.618 min Scan# 4336  
 Delta R.T. -0.000 min  
 Lab File: VN069129.D  
 Acq: 22 Oct 2021 12:02

Instrument :

MSVOA\_N

ClientSampleId :

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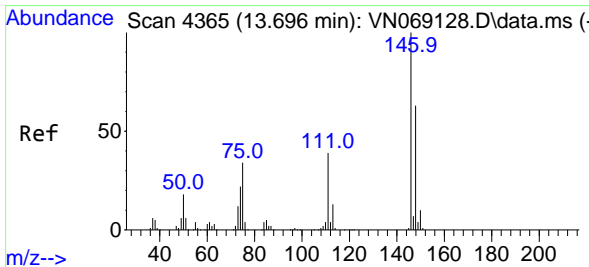
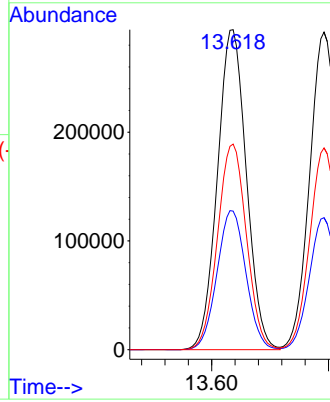
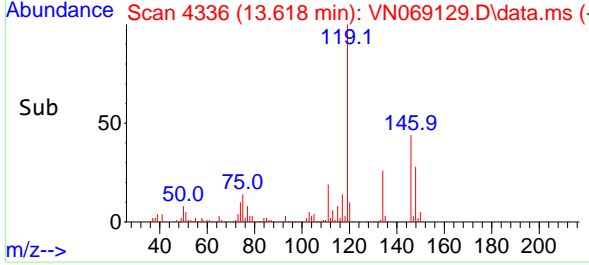
Tgt Ion:146 Resp: 50665  
 Ion Ratio Lower Upper  
 146 100  
 111 43.5 20.8 62.2  
 148 64.2 31.4 94.3

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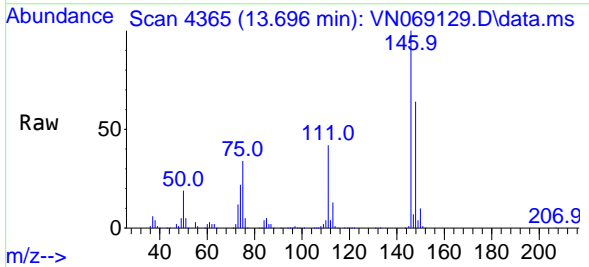
APPROVED

Reviewed By :John Carlone 10/25/2021

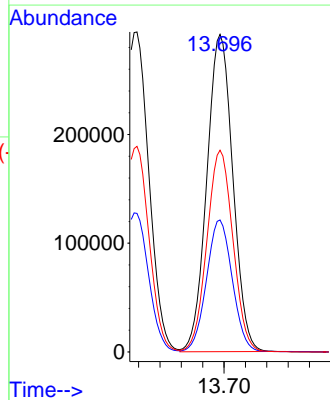
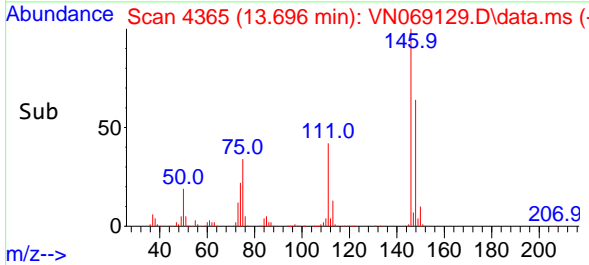
Supervised By :Mahesh Dadoda 10/25/2021

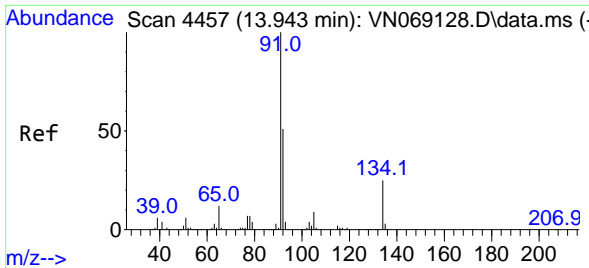


#84  
 1,4-Dichlorobenzene  
 Concen: 49.142 ug/l  
 RT: 13.696 min Scan# 4365  
 Delta R.T. 0.000 min  
 Lab File: VN069129.D  
 Acq: 22 Oct 2021 12:02



Tgt Ion:146 Resp: 493914  
 Ion Ratio Lower Upper  
 146 100  
 111 41.4 19.5 58.5  
 148 63.6 31.1 93.5





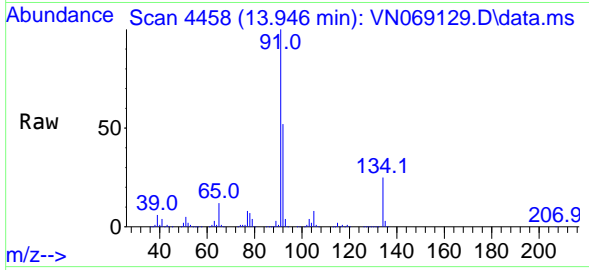
#85  
 n-Butylbenzene  
 Concen: 49.929 ug/l  
 RT: 13.946 min Scan# 4457  
 Delta R.T. 0.003 min  
 Lab File: VN069129.D  
 Acq: 22 Oct 2021 12:02

Instrument :

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Client Sample Id :

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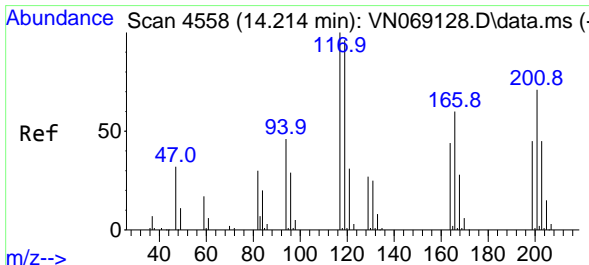
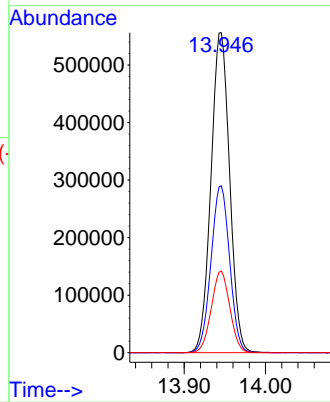
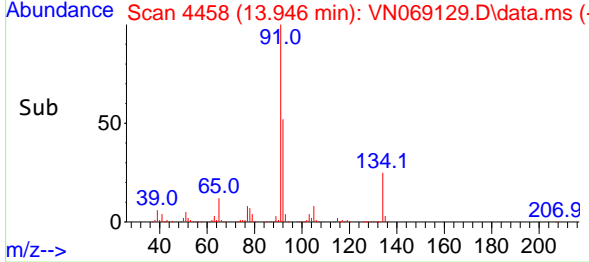


Tgt Ion: 91 Resp: 88734  
 Ion Ratio Lower Upper  
 91 100  
 92 52.2 0.0 100.6  
 134 25.3 0.0 50.2

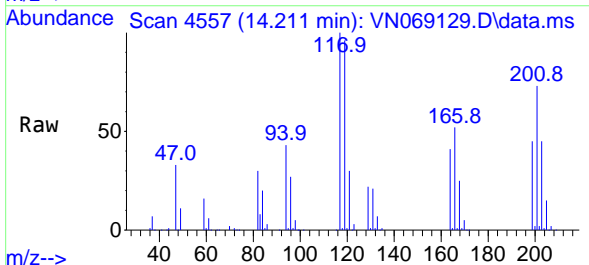
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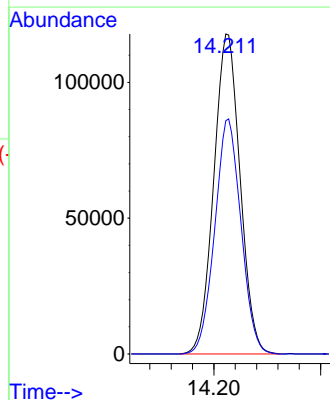
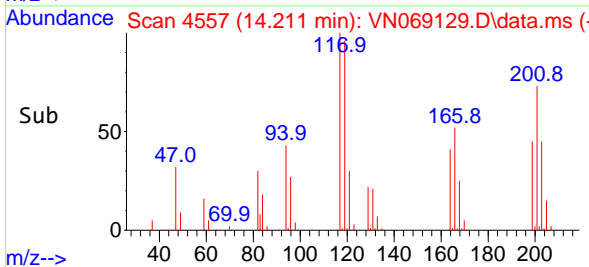
Reviewed By :John Carlone 10/25/2021  
 Supervised By :Mahesh Dadoda 10/25/2021

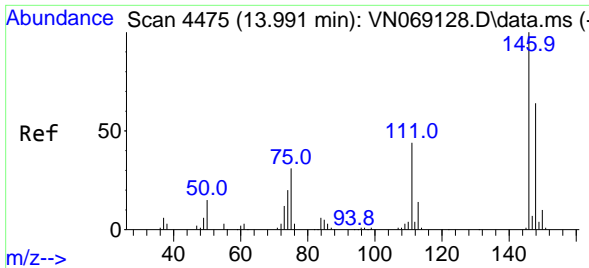


#86  
 Hexachloroethane  
 Concen: 49.607 ug/l  
 RT: 14.211 min Scan# 4557  
 Delta R.T. -0.003 min  
 Lab File: VN069129.D  
 Acq: 22 Oct 2021 12:02



Tgt Ion:117 Resp: 201768  
 Ion Ratio Lower Upper  
 117 100  
 201 73.0 33.3 99.8





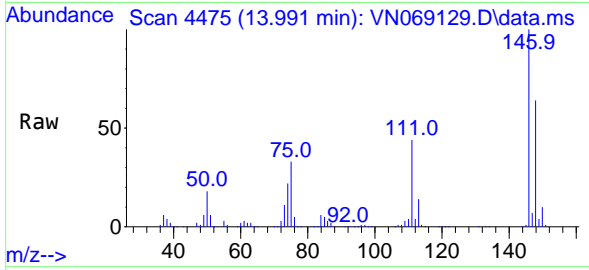
#87  
 1,2-Dichlorobenzene  
 Concen: 49.200 ug/l  
 RT: 13.991 min Scan# 4475  
 Delta R.T. 0.000 min  
 Lab File: VN069129.D  
 Acq: 22 Oct 2021 12:02

Instrument :

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Client Sample Id :

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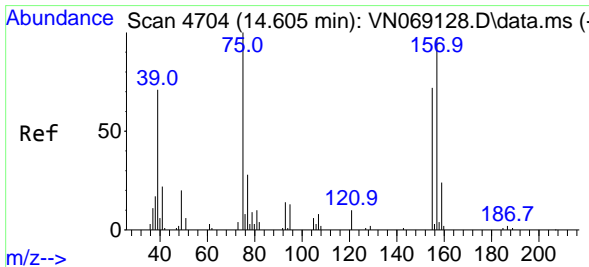
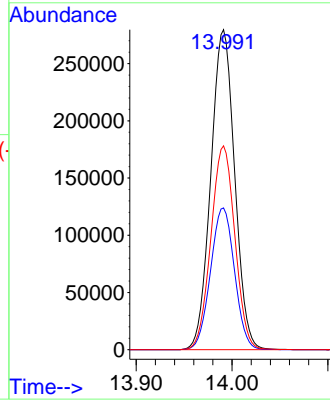
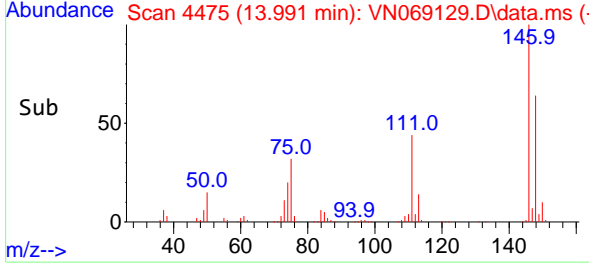


Tgt Ion: 146 Resp: 483310  
 Ion Ratio Lower Upper  
 146 100  
 111 44.6 21.4 64.2  
 148 64.1 32.5 97.4

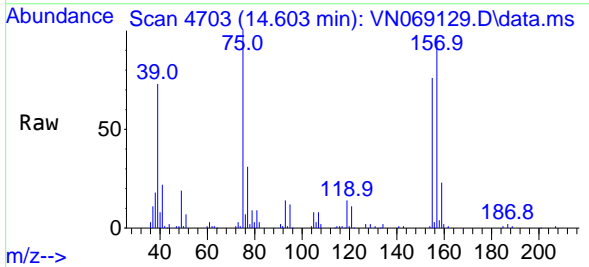
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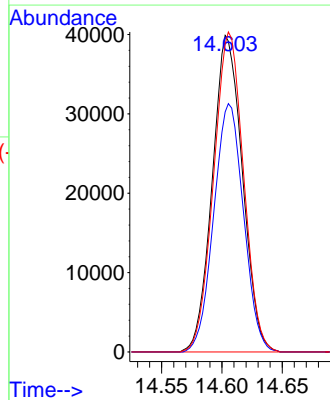
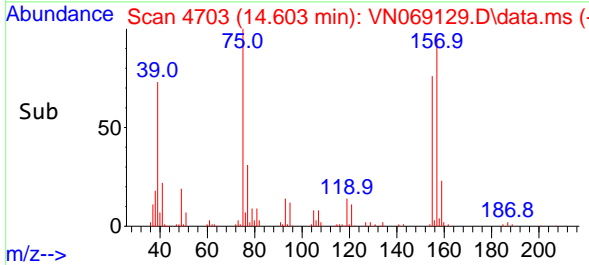
Reviewed By : John Carlone 10/25/2021  
 Supervised By : Mahesh Dadoda 10/25/2021

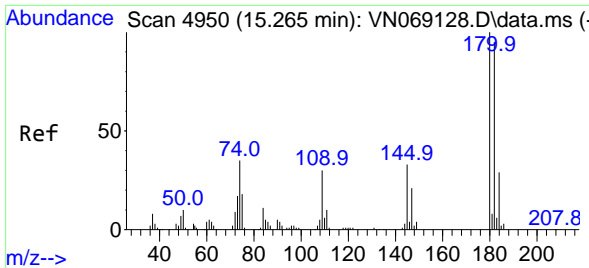


#88  
 1,2-Dibromo-3-Chloropropane  
 Concen: 54.040 ug/l  
 RT: 14.603 min Scan# 4703  
 Delta R.T. -0.003 min  
 Lab File: VN069129.D  
 Acq: 22 Oct 2021 12:02



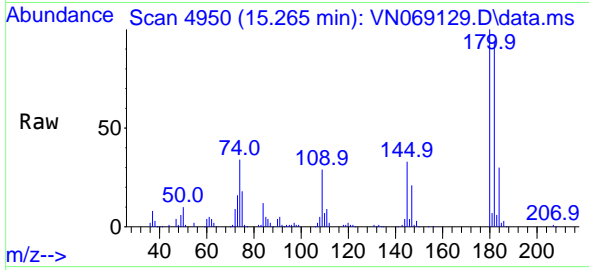
Tgt Ion: 75 Resp: 69238  
 Ion Ratio Lower Upper  
 75 100  
 155 77.6 63.8 95.8  
 157 100.2 77.9 116.9





#89  
 1,2,4-Trichlorobenzene  
 Concen: 50.274 ug/l  
 RT: 15.265 min Scan# 4950  
 Delta R.T. 0.000 min  
 Lab File: VN069129.D  
 Acq: 22 Oct 2021 12:02

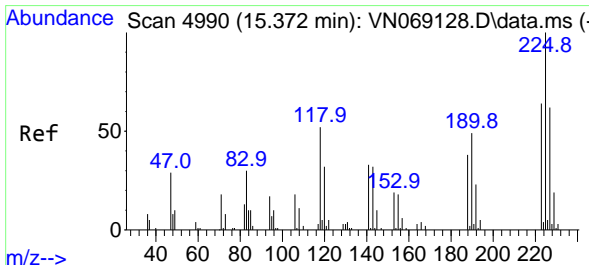
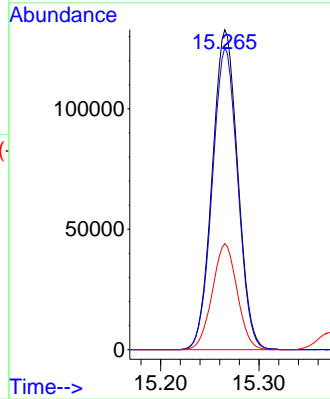
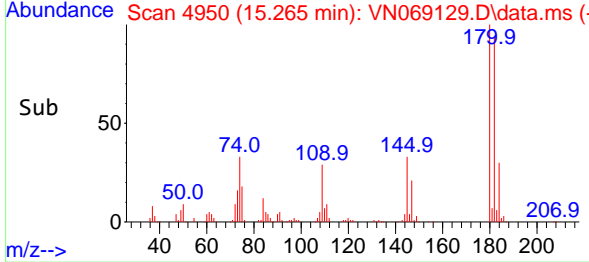
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC050



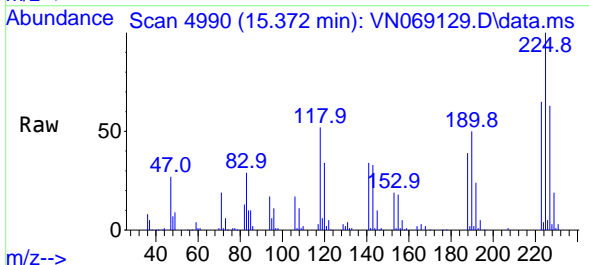
Tgt Ion:180 Resp: 240100  
 Ion Ratio Lower Upper  
 180 100  
 182 94.0 77.7 116.5  
 145 32.2 26.6 39.8

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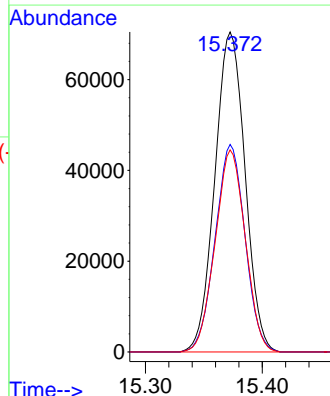
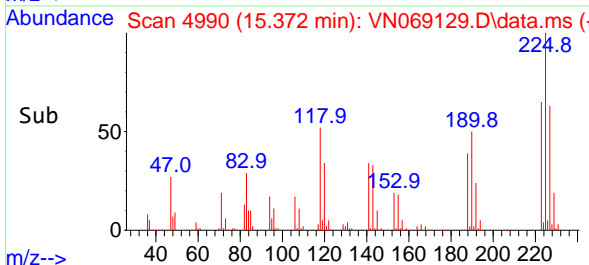
Reviewed By :John Carlone 10/25/2021  
 Supervised By :Mahesh Dadoda 10/25/2021



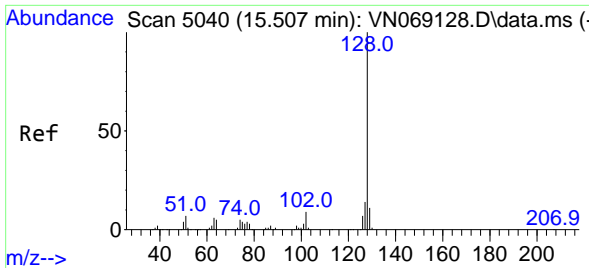
#90  
 Hexachlorobutadiene  
 Concen: 52.240 ug/l  
 RT: 15.372 min Scan# 4990  
 Delta R.T. 0.000 min  
 Lab File: VN069129.D  
 Acq: 22 Oct 2021 12:02



Tgt Ion:225 Resp: 126590  
 Ion Ratio Lower Upper  
 225 100  
 223 64.1 0.0 126.8  
 227 62.9 0.0 123.0







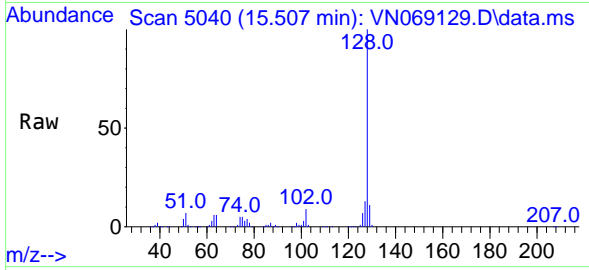
#91  
 Naphthalene  
 Concen: 51.861 ug/l  
 RT: 15.507 min Scan# 5040  
 Delta R.T. 0.000 min  
 Lab File: VN069129.D  
 Acq: 22 Oct 2021 12:02

Instrument :

MSVOA\_N

Client Sample Id :

VSTDIC050

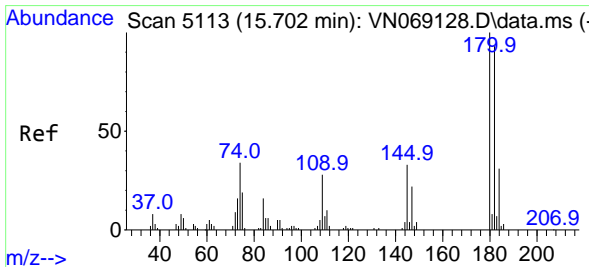
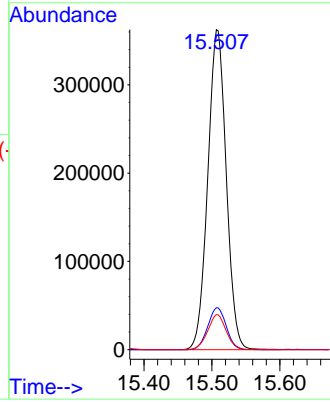
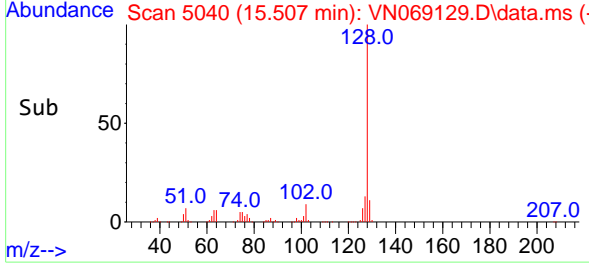


Tgt Ion:128 Resp: 68424  
 Ion Ratio Lower Upper  
 128 100  
 127 13.2 10.7 16.1  
 129 10.9 9.0 13.6

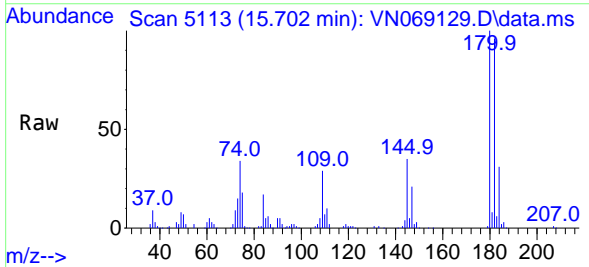
Manual Integrations

APPROVED

Reviewed By :John Carlone 10/25/2021  
 Supervised By :Mahesh Dadoda 10/25/2021



#92  
 1,2,3-Trichlorobenzene  
 Concen: 49.972 ug/l  
 RT: 15.702 min Scan# 5113  
 Delta R.T. 0.000 min  
 Lab File: VN069129.D  
 Acq: 22 Oct 2021 12:02



Tgt Ion:180 Resp: 226669  
 Ion Ratio Lower Upper  
 180 100  
 182 95.8 0.0 190.0  
 145 35.0 0.0 67.8

